App. F. IX-4

Previous References

1930-31
Sanitary

File No. 14-30
Serial Nos. 1-4

P 230 E

Later References
Secret. 66-30 (182)
P.H. 19-31 Vol-14

General and Revenue Secretariat.

Serial Nos. 4

Part B for December 1930

SUBJECT.

Annual Report of Public Health in Mysore for 1929.

Sl. 4. No. G. 4800-27 dt. 5/11/30.

To The Director of Health in Mysore.
" Consultant in Health
" Sanitary Engineer in Mysore
" Chief Inspector in Mysore
" Registrar, High Court of Mysore
" Dept Commrs of Dists
" Presidents of Distt. Bds.
" Mb. Commr. Bdore.
" President, Mysore City Mb. Cl
— do — K. G. F. Slany. Bdr
" Exempts. to Govt.

Reviews the Report of the Health Deptt for the year 1929

G. R. S. APP F. III—1] 1929-30

GENERAL AND REVENUE SECRETARIAT.

Sam)

NOTES.

No. 14-30

FILE HEADING.

Annual Report of Public Health in Imza for 1929.

FROM The Director of Health

No. Pry-15 Dated 22nd March 1930 Received 24-7-1930

Diary No. 668	Enclos. Report in duplicate Spare copies—	Serial No.

BRIEF ABSTRACT OF LETTER.

Forwards the report on the working of the Health Dept during the calendar year 1929

NOTES AND ORDERS.

Said the report had to be sent in triplicate so that one copy may be sent to the Press the second copy to the Administration Reports section, & the third kept in the file for the record. Said letter forwarding the report to the Press in the first

NOTES—First Sheet.

79
119

App. F. III—2]

General and Revenue Secretariat

File No. San 14 of 1930.

Serial No.	
2	To the Supdt. Jail No. Y. 1385 & 4. 8. 1930 Forwards a Typed report for very in typ & 550 Copies printed if the ~~no~~ any copy could with the Jail review
~~2~~	To ~~Jail~~ the Director of Health memo no Y. 1386 & 4. 8. 30 Forwards a Copy of the above
3	From the Director of Health No. Pr Y 15-2 & 11. 8. 1930 Forwards the office Copy of the.
	3/ Chief Secy's adv thereon Very early Dist Nat 12/8/3
	4/ Sub'd with a draft review.
	5/ The paragraphs relating to Leprosy (has not been brought into the review as the matter forms a part of the report on Hospital & Dispensaries for the same by
	6/ The Director has stated that the daily reports of epidemics vary consi ably from the monthly reports as shown on pages 66 to 70 & 128 to 135. Whether a the latter information is required in face of the first statement appears to doubtful.

NOTE—Contn. Sheet

File No. San 14 of 193 0

General and Revenue Secretariat

ISSUED

Please put up a typed draft as revised, before tomorrow evening, possible.

AA
4/9.

Submitted a typed draft for consideration. The points for orders are marked in pencil.

AA
5/9

Chief Secy)

CHIEF SECRETARY.
6 SEP. 1930

The revised draft rev... is submitted for approval

...
Secretariat Department
...

...

...

...

Issued & returned for ...
& Sent to ...

...

General and Revenue Secretariat.

File No. Sun

Serial No. 4

DEWAN'S OFFICE 2385 12 NOV. 1930

To the Director of Health
" Consultant on Health
" Sanitary Engineer
" Chief Engineer
" Registrar ~~Chief~~ Court
" Dy comm. of Dists.
" Presidents of District Boards
" Municipal Commr, Sanyalwa & Kandy through Commissioner
" President, Municipal Council,
" President, Kandy Town Board
" Comptroller, ~~Temple Health~~
No 4. 4800-279 of 5.11.30

Reviews the report of the Health Dept for the year 1929

---

1) Resubmitted after three months as ordered in 1 for a 12 above

184 WP
5/11/30 Chief Sec

SECRETARIAT 5 NOV. 1930

C.S. circulate

11) 12

S. N. put up.

Dewan.

NOTE.—Contn. Sheet

WD 2553—50,000—GPB—6-7 30

(For Disposal by Circulation.)

No. C. 141
of 1930-31

GENERAL AND REVENUE SECRETARIAT.

Council Matter.

SUBJECT.

Administration Report of the Mysore Health Department for the year 1929 and the Government Order reviewing the same.

CIRCULATED TO THE MEMBERS OF COUNCIL.

By Order,

Chief Secretary to Government.

.....6th November.....1930.

~~Extraordinary Members of Council~~

4675 7/11

First Member of Council. 7/11

Second Member of Council. 7/11/30

Third Member of Council. 7/11/30

For favour of final Note

Second Member

7.V. signed by Member 10/11

SECRETARIAT No. 8772 1930

15-06 7/11/30. 3876 10/11

Final Note by the Second Member of Council.

Subject :—

Administration report of the Mysore Health Department for the year 1929 and the Government Order reviewing the same.

I submit herewith for His Highness' gracious perusal the administration Report of the Mysore Health Department for the year 1929 together with the Government Order reviewing the same.

MEMBER OF COUNCIL.

Bangalore,
10th November 1930.

Submitted to His Highness.

I submit herewith a Final Note by the Second Member of Council on the subject of Administration Report of the Mysore Health Department for the year 1929 and the Government Order reviewing the same, for His Highness' gracious approved. perusal.

OFG: Dewan.

Record of Cases submitted for the Orders of His Highness the Maharaja.

Subject.

Administration Report of the Health Department for the year 1929 and Government Review thereon.

230

Order.

19/

KRW

14/11/30

eral and Revenue Secretariat

File No. San 14 of 1930.

Serial No.	
	With refee to ch Secys order on page ante draft enquiring is submitted,
	Hen Sec 26/11 2 Sec 26/11
5	The Director of Health G. 5.600 of 25.11 Calls for certain information regarding Public Health Measures by Municipalities &c from the Health Dept.
	Subd. Printed copies have been ~~read~~ recd. Subd with 2 draft letters inviting the opinion amongst the Rendency & Foreign Ports. Hen Sec 1/12 1/12/30
7.	2. The Secy to Govt of India G. 579 of 6.12.30 Forwards a copy of the Health Annual Report 2. The Secy to Govt, Bengal Calcutta 1. Dr of Public Health, Calcutta 1. Librarian, Scott Library, Madras 1. Secy to Govt, H.E.H. Nizam's Govt Hyderabad, Dekh 1. Ch. Commr Central Provinces, Nagpur 1. Diwan of Cochin Ernakulam 1. Diwan of Travancore Trivandrum

...ITE—Contn. Sheet.

1076

4074

File No. San 184 of 1930

General and Revenue Secretariat

119

155

(Officer in Charge of the Industrial Hyg
ie Lab. of the Army Medical
Corps, Washington D.C.
Rs. 964-5-0 & 12 do

Sig A
JBR
6/12/30

8

from the Director of Health
No. V.S. 327 & 17/18. 12. 30.
State that the column under "native
[illegible] be excluded in the next report
[illegible] condition of [illegible] period
of audit work & that the expenditure
Rs 11,662-15-5 [illegible] be distributed as
under:-

(1) Local fund Rs 11,076-4-1
(2) [illegible] " 586-10-4

MM 29/12
H.E.

Libd for perusal & Reference 20 & 21 above. Chief Ledger Clerk shows on Statement dtg 23/12/30 ~~No correction should be indicated in this Statement~~

H.E.

Law Ley) 29/12

Seen. This file may now be recorded. Any points arising out of the report may be taken up separately

MM 29/12

JBR 29/12/30

Rev. 668

Sans 14-30-1

No. Per 515
Two Reports in duplicate

MYSORE DEPARTMENT OF HEALTH.

Office of the Director of Health with the Government of Mysore,

Bangalore, dated, 22nd July 1930
24th

From

J. V. KARVE, ESQ., M.B., Ch.B., D.P.H.,
Director of Health
with the Government of Mysore,
Bangalore.

To

N. MADHAVA RAO, ESQ., B.A., B.L.,
Chief Secretary
to the Government of Mysore,
Bangalore.

Sir,

I have the honour to submit herewith the Annual Report on Public Health in Mysore State for the calendar year 1929. There has been an unavoidable delay of two months owing to late receipt of statistics from two of the eight districts. Statistics of Towns in Mysore district have not been received and consequently the report does not contain those figures. Full information in respect of Malnad Improvement Scheme in the districts of Hassan, Kadur and Shimoga has not been furnished, as also the annual note on the working of the anti-guineaworm campaign in Chitaldrug district.

In other respects the report is complete so

far as is possible under the present circumstances. It is based on the model of the Quarterly Reports. As some of the statistical tables published annually in previous reports have become obsolete an attempt has been made to modify them, and many more tables are introduced in order to elucidate the points discussed.

For the sake of uniformity and ease in handling I venture to suggest that the annual report may be published in the same size as the quarterly ones, viz. 9 1/10 x 6 1/10 with open binding.

Owing to the interest created in public health problems by the issue of quarterly reports the Department has received applications for copies of the Annual Report from individuals and Institutions, both within the State and outside, in India and abroad. In order to meet the demand to the extent possible I request that Government will be pleased to accord sanction to supply the Department with 400 copies.

Dr. Sweet's summary of the activities of the Bureaux of Vital Statistics, Rural Health and Epidemiology is incorporated in this report.

I have the honour to be,
Sir,
Your most obedient servant,

Director of Health.

R.B.

No. 24.] [1929.

ANNUAL REPORT

OF THE

MYSORE DEPARTMENT OF HEALTH

WITH THE

GOVERNMENT REVIEW THEREON.

January 1, to December 31, 1929.

Bangalore.
Printed at the Government Press
1930.

"Search for the truth is the noblest occupation
of mankind, its publication a duty."

MYSORE DEPARTMENT OF HEALTH*

Director of Health.

J. V. Karve, M.B., Ch.B., D.P.H.,

Rockefeller Foundation Consultant in Health.

W. C. Sweet, B.Sc., M.D., C.P.H.,

Bureau of Administration.

J.V.Mascarenhas, M.B.,C.M., D.P.H., D.T.M.,
Health Officer,Bangalore City.

M.G.Srinivasa Peidpet, L.M.S., B.S.Sc.,
Health Officer, Kolar Gold Fields.

S.Ramachandra Rao, L.M.S.,
Health Officer, Shimoga District.

G. N. Seshadri, L.M.S.,
Health Officer, Mysore City. (on leave).

M. Ramachandra Rao, B.A., M.B.,B.S., C.P.H.,
Acting Health Officer, Mysore City.

Bureau of Epidemiology and Communicable Diseases.

C.V.Natarajan, B.Sc., M.B.,B.S., Dr.P.H.,
Officer in Charge, Epidemiology.

V. L. Padke, M.B., B.S.,
Officer in Charge, Hookworm Campaign.

B. Ananthaswamy Rao, B.Sc., M.B., B.S., M.P.H.,
Officer in Charge, Stations for the Study of Malaria.

Bureau of Laboratories.

M. Dominick, M.R.C.S., D.P.H.,
Superintendent, Public Health Institute.

J. A. Iswara Murthi, B.A., L.M.S.,
Offg. Superintendent, Vaccine Institute.

Bureau of Vital Statistics.

E. R. Sundararajan, M.A., (Hons.)
Vital Statistician.

Bureau of Health Education.

Not fully organized.

Bureau of Sanitary Engineering.

Not organized.

Bureau of Rural Health.

T. Chandrasekharaiya, B.A., M.B., B.S., M.P.H.,
Officer in Charge, Rural Health Unit.

---

*ly officers giving full time service to the Department are included.
The designation of each Officer is given as it stood on December 31, 1929.

Annual Report
of the
Mysore Department of Health.

No.24.| January 1, to December 31, 1929. |1929

Two Government orders issued during the year changed the status and organization of the Department of Health. The first order, effective on February 1, 1929, separated the Sanitary Department from the Medical Department and re-established the post of full time Sanitary Commissioner. This action was taken at the time that Mr. B. Mohamed Usmon, L. M. & S., who had been Senior Surgeon, Sanitary Commissioner and Inspector General of Prisons, retired from the service. The former Deputy Sanitary Commissioner, Mr. J. V. Karve, M.B., Ch.B., D.P.H., became Sanitary Commissioner. Since then the health services have been an independent Department.

The second order, concerning the internal organization of the Department was issued on November 28, 1929. By this order the Sanitary Department became the Department of Health and the Sanitary Commissioner, the Director of Health. The order also provided for a Consultant in Health, a position to be filled by the representative of the International Health Division of the Rockefeller Foundation. A Board of Health was

created to be an advisory body to Government and the Department.

The work of the Department of Health was divided between various Bureaus, the organization of the following being authorized.

(1) Bureau of Administration.
(2) Bureau of Epidemiology and Communicable Diseases.
(3) Bureau of Laboratories.
(4) Bureau of Vital Statistics.
(5) Bureau of Health Education.
(6) Bureau of Sanitary Engineering.
(7) Bureau of Rural Health.

The order expressed the intention to establish other Bureaus, such as Maternal and Infant Hygiene, Child Hygiene, Venereal Diseases, Tuberculosis, etc., as staff and funds become available. Of the sanctioned Bureaus numbers one, two, three, four and seven were operating during the year. The Bureau of Health Education was not established and the Bureau of Sanitary Engineering awaited the arrival of the Rockefeller Foundation Sanitary Engineer. The Consultant in Health was asked to act as Chief of the Bureaus of Epidemiology, Vital Statistics and Rural Health, the Director of Health acting as Chief of Administration, Communicable Diseases, Laboratories and Health Education.

During the year the Rockefeller Foundation paid the salary and expenses of the Consultant in Health and

was to make a contribution to the expenses of maintaining the Stations for the Study of Malaria and the Rural Health Unit. Towards the end of the year Government and the Rockefeller Foundation entered into a new agreement as to future work. Under this agreement Government was to establish a Bureau of Sanitary Engineering in the Department of Health, the Bureau to have a specified budget and staff in addition to any budget and staff transferred from the Public Works Department. The Rockefeller Foundation was to furnish the services of a Consultant in Health and a Sanitary Engineer until the end of 1933 and was to pay a proportion of the new budget for the Bureau of Sanitary Engineering. According to the agreement the additional budget was to total Rs 82,000/- by the end of 1933, of which amount the Foundation was to give 33.5 per cent. Government was to pay, in addition, the expenses of two fellows in sanitary engineering. It was expected that the Rockefeller Foundation Sanitary Engineer would arrive early in 1930.

The three former Rockefeller Foundation fellows continued to serve in the Department of Health during the year. Mr. B. A. Rao acted as Officer-in-Charge, Stations for the Study of Malaria throughout the year and Mr. T. C. Sekhar as Officer-in-Charge, Rural Health Unit. Mr. M. R. Rao was in charge of the Station for the Study of Malaria at Nagenhalli, after completing a health administration survey of Mysore City in January. On November 11th he was assigned as Health

Officer, Viceroy's Camp, Kharapur and on December 8th as Health Officer, Mysore City. The latter will be a permanent assignment. As a result of Mr. Rao's survey of Mysore City, proposals for the reorganization of the City Health Department were made to Government and to the Municipal Council. The proposals were still being considered at the end of the year.

Dr. C. V. Natarajan, the holder for the past two years of a Government fellowship in public health, returned to the State in October. He was gazetted as a Health Officer, Second Class, and was assigned to temporary duty in the Bureau of Epidemiology and Communicable Diseases. His study of the bacteriology and epidemiology of typhoid and dysentery had not reached a point by the end of the year at which a report could be made. It is expected that Dr. Natarajan will assume the duties of Superintendent, Public Health Laboratory, in April, 1930, at which time it is hoped that a thorough reorganization of the laboratory will be approved by Government.

An Appraisal Form for city health work was approved and published by Government on the 24th September. No surveys using this form had been completed before the end of the year. A Memorandum on State Health Organization giving complete plans and schedules for Taluk and District health organizations to cover the State was submitted to Government during the year but no action on it had been announced before the end of the year. It is expected that it will be possible in

the next financial year, beginning July, 1, 1930 to expand the activities of the present experimental Rural Health Unit to cover the whole Taluk in which it is situated and to start a new unit in a neighbouring Taluk.

In view of the growing work of the Mysore Department of Health, it seemed wise to institute the custom of distribution of quarterly reports of the work accomplished, from January 1, 1929. It is hoped that these reports will be of benefit in keeping the staff in touch with work being done by the Department as a whole, in giving Government more frequent information as to progress and in spreading among the interested people some idea of the scope and character of the health work. It is not possible as yet to to give a complete picture of the health work of the State as a whole as it was not thought feasible to ask all local authorities for such information. The present reports includes the central and field activities of the central staff and certain of the available local authorities and organizations which have full time Health Officers. As experience in issuing such reports grows, we may hope to include further information of general interest. One of the aims of the Department is eventually to have a periodical publication on health subjects of interest to the general public but it was not thought possible to include such matter as yet. However, the Department hopes that the present effort will be enough worth while to be received in such a way as to encourage further experiments.

His Excellency the Viceroy visited the State in

the last week of November. Special sanitary arrangements at Viceregal camps at Jog, Kharapur and Mysore City were organised with special funds sanctioned by Government for the purpose on proposals submitted by the Director.

At the invitation of the Government the League of Nations Malaria Commission visited the State during December. The Commission consisted of six members including Professor W. Schuffner the President and Professor M. Ciuca, the Secretary. Major G. Covell of the Malaria Survey of India accompanied the Commission during its tour of South India. The Commission arrived at Mysore City from Ooty on the 17th December and were entertained as State Guests during their stay. On the 18th December they visited Krishnarajasagara, the Hulikere Tunnel Works, Seringapatam and the Nagenhalli Station for the Study of Malaria. On the 19th, they went on tour through Yedatore, Saklespur, the Mudigere Station for the Study of Malaria, Belur and Hassan. The Munzerabad Club at Saklespur very kindly entertained the members of the Commission and accompanying officers at luncheon on the 19th. On the 20th, they arrived in Bangalore where they inspected the anti-malaria work of the City Municipality and were entertained to a Garden Party given by the Dewan of Mysore. The Commission left for Bombay on the night of the 20th December. During its tour in the State, the Commission was accompanied by the Director of Health, the Consultant in Health and the Officer in Charge of the Stations for the Study of Malaria.

Dr. W. P. Jacocks, the Rockefeller Foundation Representative in Travancore, visited Bangalore in April and kindly assisted in examining specimens of dissections done at Hiriyur.

The Director was away from headquarters for 114 days and visited 33 urban areas and 51 villages during the year under report. He made inspections in connection with Cholera, Plague, Smallpox and Guineaworm control work. Besides routine checking of vaccination work, water supplies, drainage, births and deaths registration, and the administration of bye-laws, municipal and other, the Director furnished notes of inspection to the local bodies concerned suggesting remedial measures wherever possible.

The Consultant in Health made several visits to the Stations for the Study of Malaria and the Rural Health Unit, Mandya, inspecting their work. He also made trips to other places of health interest.

From the 10th to the 16th February Rajamanthra-pravina K. Matthan, B.A., the Third Member of ∅ Council, toured in Chitaldrug district on inspection work, examining in particular the measures taken to control the Guinea-worm in that district. In the 2nd quarter of the year the Third Member paid a visit to the Public Health Institute, Bangalore.

In their order dated 10th August 1929, Government sanctioned the appointment of three Inspecting Health Officers and these Officers have since been selected and posted for duty in Chitaldrug and Tumkur, Hassan and

Kadur, and Bangalore and Kolar Districts.

In the Annual Sanitation Report for 1928 the Director of Health had proposed that wet and dry bulb thermometers may be supplied to the Medical Officers of the different dispensaries in the State with a view to collect data in respect of Maximum and Minimum Temperatures and Relative Humidity. In their order dated 14th September 1929 Government approved of the suggestion and after consulting the Meteorological Reporter to Government it has been decided with the approval of Government to instal these instruments in 46 dispensary places in three years, the first installation in 15 or 16 places to commence next official year.

During the year under report Government sanctioned the printing of four Research and Investigation papers by the Officers of the Department as Bulletins of the Mysore Department of Health.

Bulletin No. 4. Guinea-worm Disease in the State, By Dr. J. V. Karve, M.B., Ch.B., D.P.H., Director of Health in Mysore, Bangalore, 1929.

" 5. Report of the Delegation of the British Social Hygiene Council, (Inc.) to the Government of Mysore, 1929.

6. Report on the Present Status of Birth, Death and Epidemic Disease Reports in Mysore District, Bangalore City and Kolar Gold Fields with suggestions for Improvement.
By Mr. E. R. Sundararajan, M.A.,(Hons.) Vital Statistician, Bureau of Vital Statistics, Mysore Department of Health, 1929.

7. A Survey of Mysore State for Enlarged Spleens and for Hookworm and other Helminthic Infections.
By Dr. W. C. Sweet, B.Sc., M.D.,C.P.H., Field Director, International Health Division, Rockefeller Foundation, Consultant in Health in Mysore, 1929.

During the Dasara, a Village Panchayet Court illustrating the present and the proposed village reconstruction activities in the State was opened for the first time at the All India Industrial and Agricultural Exhibition at Mysore. The Health Department co-operated with this section by putting up a Sanitation Stall at which charts on Hookworm, Malaria, Vital Statistics, etc., were exhibited. The exhibition authorities awarded a Gold Medal Certificate to the Mysore Department of Health.

According to a recent Government order the annual reports of the Vaccine and of the Public Health Institutes are included in this report under the Bureau of Laboratories. The annual report on vaccination is found under smallpox, under the Bureau of Vital Statistics.

As mentioned in last year's report the vital statistics of the districts are received very late which fact is being mentioned in quarterly reports also. The details for towns and municipalities in Mysore District had not been received till the end of June 1930 and for reasons such as these it is almost impossible that the Annual Report be submitted to Government on May 2. Further as there is a great deal of discrepancy between the daily and monthly returns it would be inaccurate to base annual summaries on the daily returns only. It is on this account inevitable that delays should occur in preparing annual reports unless the Presidents of the District Boards help the Department with early returns. Far from asking for annual returns from the districts it has been the policy of the Department

recently to ask for monthly returns. According to a well-known Government order the return (say) for December should reach the office of the Director of Health by February 15th. Even if this one Government Order is implicitly obeyed by all concerned not only would the quarterly reports be complete but the Annual Health Report also would be ready much earlier than May 2. The trouble with the districts is without doubt caused at present by the absence of trained technical direction. The delay is further caused by the concerned statistical clerks being required to do miscellaneous work owing probably to pressure of work. Until the present arrangement for reporting of vital statistics is overhauled reliable figures will not be ~~ab~~ available in time for any use to be made of them. I request Government will bring this point to the notice of Presidents of District Boards.

BUREAU OF EPIDEMIOLOGY AND COMMUNICABLE DISEASES.

The work of this Bureau, as has been stated above, was divided, the Director of Health acting in charge of communicable disease control and the Consultant in Health of epidemiological work. Under epidemiology were put (a) the Stations for the Study of Malaria, and, (b) the hookworm campaign.

(a) Stations for the Study of Malaria.

The opening of two Stations for the Study of Malaria was reported in 1928. The third Station in Hiriyur,

Chitaldrug District, was opened on January 10th, under Sub-Assistant Surgeon Mr. J. J. Simon, the other two Stations continuing their work as previously reported. The staff of each Station consisted of a sub-assistant surgeon in charge, a sanitary inspector, three assistant inspectors, a clerk and three peons.

The work of the Stations was on a regular weekly schedule which provided for monthly spleen and blood examinations in each community in the area, weekly larval dipping and identification, biweekly adult catches in fixed catching stations with dissections of adult females caught, and collection of rainfall, temperature, and vital statistics data. No control work was attempted during the year.

Since all the Stations have completed a year of observations it is proposed to make a thorough study of the results. This study will be published as a Bulletin of the Department of Health. The following tables, however give some idea of the work accomplished during the year but they will not be discussed in this report.

Table 1. Results of Spleen Examinations Made in Three Stations for the Study of Malaria. January 1, to December 31, 1929.

	Nagenhalli Station.	Mudigere Station.	Hiriyur Station.	Total.
No. of Persons Examined.	927	1,277	1,227	3,431
No. with Spleen not Palpable.	165	280	597	1,042
Spleen Palpable Size P.	89	167	251	507
Size 1.	177	412	185	774
Size 2.	236	296	149	681
Size 3.	233	103	36	372
Size 4.	23	16	8	47
Size 5.	4	3	1	8
Total No. with Palpable Spleen. ..	762	997	630	2,389
Spleen Rate. ..	82.2	78.1	51.3	69.6
Average Spleen Size.	2.40	1.87	1.03	1.71
Average Enlarged Spleen Size	2.92	2.40	2.00	2.46

Table 2. Relation Between Infections with Malaria Parasites and Spleen Condition. January 1 to December 31, 1929.

Spleen Data.		Number of Persons Examined.	Number found Infected with Malaria Parasites.	Percentage Infected with Malaria Parasites.
Spleen Not Examined.		204	45	22.1
Spleen Not Palpable.		1,042	192	18.4
Spleen Palpable	Size P.	507	154	30.4
	Size 1.	774	277	35.8
	Size 2.	681	287	42.1
	Size 3.	372	148	39.8
	Size 4.	47	21	44.7
	Size 5.	8	2	25.0
Total with Palpable Spleens.		2,389	889	37.2
Grand Total ..		3,635	1,126	31.0

Table 3. Species of Malaria Parasites and Total Parasite Rates for Stations. January 1 to December 31, 1929.

Station.	Total No. Infected any Parasite.	Infected with						Total No. of Persons examined.	No. Infected any Malaria Parasite.	% Infected any Parasite.
		Benign Tertian.		Malignant Tertian.		Quartan.				
		No.	% of Total Infected.	No.	% of Total Infected.	No.	% of Total Infected.			
Nagenhalli	283	129	45.6	41	14.5	113	39.9	1,033	283	27.4
Muliigere	380	305	80.3	22	5.8	53	13.9	1,360	380	27.9
Hiriyur.	463	84	18.1	125	27.0	254	54.9	1,242	463	37.3
Total	1,126	518	46.0	188	16.7	420	37.3	3,635	1,126	31.0

Table 4. Relations of Species of Malaria Parasites and Age of Persons Examined. All Stations. January 1, to December 31, 1929.

Age.	Number Examined	Infected with							
		Benign Tertian.		Malignant Tertian.		Quartan.		Any Parasite.	
		No.	% of No. Examined.	No.	% of No. Examined.	No.	% of No. Examined.	No.	% of No. Examined.
0- 9	1,786	310	17.3	87	4.9	223	12.5	620	34.7
10-19	1,340	165	12.3	68	5.1	149	11.1	382	28.5
0 and over.	527	43	8.1	33	6.3	48	9.1	124	23.5
11 Ages.	3,635	518	14.3	188	5.2	420	11.5	1,126	31.0

Table 5. Dissections of Female Anophelines Examined by Mr. W. C. Sweet, All Stations. January 1 to December 31,1929.

Species.	No.of Females Dissected.	No.of guts Examined.		No.of Glands Examined.	
		Infected.	Not Infected.	Infected.	Not Infected.
A.aconitus ..	1	-	1	-	1
A.barbirostris ..	10	-	7	-	10
A.culicifacies ..	228	-	206	-	211
A.fuliginosus ..	56	-	55	-	48
A.hyrcanus var.nigerrimus	8	-	7	-	8
A.jamesii ..	23	-	22	-	21
A.jeyporiensis ..	431	-	385	-	407
A.karwari ..	1	-	1	-	1
A.listoni ..	90	-	79	1	82
A.pallidus ..	6	-	6	-	6
A.philippinensis ..	2	-	2	-	2
A.stephensi ..	76	-	68	-	71
A.subpictus ..	155	-	153	-	147
A.tessellatus ..	24	-	22	-	20
A.vagus ..	91	-	90	-	86
T o t a l ..	1202	-	1104	1	1121

The 1202 mosquitoes dissected are also included in the dissections listed in Table 6. The dissections of Table 6 are listed simply as an indication of the work done. Before any report of the findings in these dissections can be published a closer study will have to be made. It might be stated that authenticated infections have been very few.

Table 6. Larvae and Adults Caught and Identified and Females Dissected. All Stations. January 1, to December 31,1929.

Identification Reported.	Larvae Caught in						Adults Caught in						Number of Females Dissected.
	Tanks.	Swamps & Pools.	Irrigation Channels.	Paddy Fields.	Rivers & Streams.	Wells & Ponds.	Houses.		Stables.		Combined Houses and Stables.		
							M.	F.	M.	F.	M.	F.	
A.aconitus ..	-	479	131	17	10	46	1	19	9	149	66	1,066	1,053
A.aitkenii ..	1	88	-	5	5	10	-	-	-	1	-	-	-
A.barbirostris ..	920	2,091	738	518	499	662	-	4	-	89	2	64	68
A.culicifacies ..	-	1,064	930	53	164	435	72	400	164	1,371	679	3,866	2,401
A.fuliginosus ..	37	410	186	84	48	85	1	68	1	251	15	786	766
A.hyrcanus var.nigerrimus.	643	1,667	709	713	351	401	-	7	2	297	12	396	104
A.jamesii ..	692	1,842	506	601	456	189	2	26	1	329	13	204	469
A.jeyporiensis ..	557	3,660	413	517	534	92	67	1,161	116	10,630	22	219	6,239
A.karwari ..	9	285	12	10	5	3	-	7	-	65	-	-	61
A.leucosphyrus ..	1	8	-	1	-	-	-	-	-	7	-	-	3
A.listonii ..	83	4,196	2,088	319	694	812	42	270	176	1,405	423	2,995	4,404
A.maculatus ..	-	13	3	2	-	-	-	-	-	-	-	-	-
A.maculipalpis var.indiensis.	21	414	63	69	31	18	-	2	-	9	3	23	35
A.majidii ..	2	246	14	4	37	-	-	-	-	2	-	-	1
A.minimus. ..	-	5	-	-	9	1	-	1	-	14	5	48	50
A.pallidus. ..	41	689	363	70	227	181	-	11	10	31	2	130	116
A.philippinensis ..	85	50	-	2	1	-	-	3	-	1	-	30	24
A.stephensi ..	-	62	47	15	9	33	2	121	46	683	75	1,449	2,139
A.subpictus. ..	141	4,236	1,762	88	1,031	1,151	185	752	348	1,771	980	4,976	4,608
A.tessellatus ..	-	51	17	2	1	8	1	36	-	113	3	48	167
A.turkhudi ..	-	2	2	1	-	1	-	2	1	5	2	8	4
A.vagus ..	50	352	128	61	70	152	35	352	48	806	66	1,189	1,020
T o t a l s. ..	3,283	21,910	8,112	3,152	4,182	4,280	408	3,242	922	18,029	2368	17,497	23,732

(b) Hookworm Campaign.

A Government Order dated June 13, 1929 sanctioned a plan and staff for hookworm control work in the State. The plan called for ℞ routine treatment of all persons attending dispensaries and hospitals in the Shimoga, Kadur and Hassan Districts and in four taluks of the Mysore District. It also provided for the treatment of all estate coolies of the first three Districts mentioned above by a Government staff, the estates paying for drugs used. The staff sanctioned consisted of an assistant surgeon in charge, a chief sanitary inspector, four assistant inspectors to act as microscopists and dispensers and four peons. During the year the Officer in Charge visited the dispensaries concerned in the Mysore District and the Chief Sanitary Inspector visited dispensaries in the Hassan District. The Unit worked also on estates of the Hassan District beginning in October. By the end of the year they had treated 3,312 villagers in eleven dispensaries and 6,271 inhabitants of estates, a total of 9,583. Reports of treatments given in the dispensaries not having been received efforts were made to improve the method and promptness of reporting.

Table 7 gives the results of faecal examinations made during the year. All of these examinations were made in Bangalore and were before treatment as the Unit had not been able to carry out routine examinations in the field due to lack of essential equipment.

Table 7. Results of Faecal Examinations.

January 1 to December 31, 1929.

	Number.	Percent
Number of Persons Examined. ..	1,537	-
Infected with Hookworm. ..	507	33.0
Average ova per c.c. per person examined. ..	300	
Infected with Ascaris. ..	317	20.6
Infected with Trichuris. ..	8	0.5
Infected with Oxyuris. ..	19	1.2
Infected with Hymenolepis nana ..	10	0.7
Infected with Trichostrongylis species.	5	0.3

(c) Bangalore City Malaria Work.

The officers of the Bureau acted as advisers to the anti-malaria staff appointed by the Bangalore City Municipal Council in July, 1929. The staff consisted of one sub-assistant surgeon who had previous experience in one of the Stations for the Study of Malaria, two assistant inspectors with similar training and six fieldmen. When control work began late in December it was found necessary to employ six peons.

The year was largely spent on an intensive survey to determine the breeding places of anophelines. Experiments

were also conducted in the control of anopheline breeding in wells by means of petrol, paris green and gambusia. The latter two methods were finally adopted as petrol proved unsatisfactory. Studies were also made in control of anopheline breeding in swamps by means of paris green. By the end of December regular control work had been started, with paris green, in one swampy area and shortly after the new year the work was extended to cover the City.

Between July 15th and 24th, 1,111 boys of Bangalore schools were examined for enlarged spleens. This was the third year in which such examinations had been made, the first starting on 22nd June 1927, and the second on 6th June 1928. The spleen rate of the first survey was 23.2±1.0, of the second was 11.5±0.7 and of the last 8.7±0.6. There has been a progressive significant decrease in spleen rates in these three years, a decrease which has held true throughout in two of the five divisions of the City, the remaining three divisions being insignificantly different in the last two surveys. The average spleen has followed the spleen rate in its changes but the average enlarged spleen has remained practically the same through the three years being 1.48±0.03 in 1927, 1.42±0.04 in 1928 and 1.35±0.04 this year. The examination of blood slides taken from 299 of the boys examined showed 32 or 10.7 per cent infected with malaria parasites, benign tertian in 31 cases and malignant tertian in one.

BUREAU OF HEALTH EDUCATION.

The only functioning part of this Bureau during the year under review was a unit which gave lectures and demonstrations of the malaria and hookworm moving picture films. The unit consisted of a Sanitary Inspector acting as officer in charge and lecturer, a mechanic and a driver for the Ford lorry which carried the cinema outfit. During the year the unit gave 102 lectures, accompanied by the cinema films, to approximately 43,130 people. The lorry travelled about 6,066 miles.

BUREAU OF RURAL HEALTH.

The experimental Rural Health Unit was opened on March 1, 1929 with headquarter at Mandya on the Bangalore-Mysore Road about 26 miles from Mysore City. The staff consisted of a Health Officer, an Assistant Health Officer, a Sanitary Inspector, three Assistant Inspectors, a Midwife, a Vaccinator, a Clerk and seven peons. Dr. T. C. Sekhar, acted as Health Officer, during the year but will also be in charge of other rural health units as they may be established, since it is expected that men of the sub-assistant surgeon rank will act as health officers of these units. The posts of Assistant Health Officer and Sanitary Inspector were held by sub-assistant surgeons in training to act as Taluk Health Officers. The assistant inspectors were trained by the Health Officer during the year. Since no public health nurses were available, the services of a qualified midwife were

obtained and an effort was made to make her work more general than that carried on by midwives of the Medical Department. More emphasis was placed ~~and~~ on pre-and post-labour visits than on the actual conducting of labour.

The first weeks of the work were occupied by a house-to-house survey of Mandya town after which the surrounding rural area was divided between the four inspectors. The area eventually covered contained 152 villages, an average of 38 to each inspector. The inspectors lived in a central village of their area and visited and inspected the same on a regular routine. They gave advice to village authorities on sanitary improvements, investigated epidemic disease and birth and death reporting and visited cases of such diseases, did vaccinations after they had been trained, assisted the Health Officers in clinics in four central places and endeavoured to interest village people in health problems. Such work is by its nature, somewhat indefinite and difficult to assess properly or to demonstrate in definite figures. It can hardly be expected that any marked changes will be seen in the near future when centuries of sanitary neglect and lack of knowledge are considered.

Regular clinics were maintained in the four centres and people also were seen at the central office or during visits of the officers to the villages on inspection trips. One of the clinics, the one at Maddur, was run as an infant and maternal welfare effort and

was in charge of staff from the Zenana Mission Hospital at Chennapatna. The Unit is indebted to the staff of this Hospital for its interest in the work and is grateful for it. These clinics, of necessity in a country like India where medical service is not universally available, were to a considerable extent medical in character. It is hoped that as the work continues it will be possible slowly to change them so that they may be more strictly health clinics.

The staff of the unit also carried out physical examinations of the boys of some schools of the area for the Department of Education. The defects found were notified as required by the regulations and in a few instances reports of corrections of defects were received. They also started on a spleen survey of the villages of the area. Since this area will be under the irrigation scheme of the new Irwin Canal, the question of the present status in regard to malaria is of extreme interest and it is planned to keep careful records of spleen rates both before and after irrigation.

Until October smallpox was the most commonly found epidemic disease. The amount of unreported smallpox, and resulting deaths, was astonishing. If similar conditions exist in other parts of the State this disease is by far the most common of the epidemic diseases. The vaccination work was a credit to the staff of the unit and by the end of the year it was possible to say that in 43 of the 152 villages of the area over 95 per cent of the children under 15 years of age had been successfully vaccinated. Typhoid and dysentery were also found to

be of frequent occurrence. Towards the end of the year a rat epizootic was spreading and although no human cases of plague had been reported, it seemed possible that an epidemic might occur. One village had been evacuated and 97 plague inoculations were given in Maddur. Efforts were also made at rat destruction and a "cyanogas" instrument was experimented with.

Government sanctioned a grant of Rs 1,000/- for experimental work in village latrine construction and two types, the bore-hole and the pit latrine, had been tried by the end of the year. The bore hole latrines were a disappointment, largely due to the rocky character of the ground in the area but new methods recommended in the Philippine Islands seemed to give promise of possible better results. The importance of cheap, effective latrines for villages cannot be stressed too much and efforts to find such latrines will continue.

It was on the experience gained in the work of this unit that recommendations were made to Government as to the future health organization of the State. Although rural health work is slow, often very discouraging, with few if any visible results, there would seem to be no doubt but that a system of health units is the only one which can possibly result in any measurable effective improvement in public health.

The following gives a summary of certain phases of the work accomplished by the Unit.

House survey, Mandya.

Houses visited.	...	629
Persons listed.	...	3,211
Maternity visits	...	1,576
Labours conducted.	...	44
Persons vaccinated	...	2,074
Clinics held (approximately)		83
Visits to Clinics, Central Office or seen in villages.	...	1,845
Specimens examined elsewhere.		592
Specimens examined in Unit Office.	...	319
Spleen surveys (persons)	...	923
Examinations of school boys.		238
Latrines constructed	...	27
Plague inoculations given.	...	97

BUREAU OF LABORATORIES.

Public Health Institute, Bangalore.

There was a considerable increase in the number of samples of blood received for Wassermann and Widal tests during the year under report. Samples of water, both filtered and unfiltered were received weekly from the Combined Jewell Filters and serving fountains in Bangalore City, and also occasionally from mofussil places, for bacteriological analysis.

Table 8. Details of 8,897 examinations made at the Public Health Institute, Bangalore, during the year 1929.

Examinations.	Quarter Jan-Mar.	Quarter Apr-June.	Quarter July-Sep.	Quarter Oct-Dec.	Total
1.Blood for Widal. ..	376	329	365	216	1,286
2. -Do- Wassermann ..	1,322	1,509	1,801	1,515	6,147
3. -Do- Malaria Parasite	28	20	27	27	102
4. -Do- Relapsing fever.	2	-	4	1	7
5. -Do- leucocyte count.	5	2	8	3	18
6. -Do-smears of dead rats. ..	3	2	7	6	18
7.Nasal smears. ..	3	3	1	3	10
8.Smear for Bacillus Pestis. ..	3	-	-	-	3
9.Smears for Gonococci.	3	4	5	8	20
10.Catheter specimens for Gonococci ..	-	-	-	4	4
11.Sputum for Tubercle.	28	19	25	11	83
12.Sputum for Pneumococci.	1	7	-	-	8
13.Gland puncture for B.Pestis. ..	1	-	-	-	1
14.Tumours for sections.	5	5	4	5	19
15.Urine. ..	4	9	5	-	18
16.Motion for ova. ..	8	4	8	5	25
17. " for Dysentery.	-	4	-	-	4
18. " for Cholera..	2	-	3	4	9
19.Vomitted matter for Cholera. ..	-	-	-	1	1
20.Cerebro-spinal fluid.	12	3	4	-	19
21.Water samples. ..	95	82	96	104	377
22.Crows. ..	-	-	6	2	8
23.Auto-vaccine ..	5	-	4	5	14
24.Plates of Lanoline Lymph from the Vaccine Institute. ..	220	175	160	--	555
25.Specimens of blood & other smears from the Veterinary department.	34	41	40	26	141
T o t a l.	2,160	2,218	2,573	1,946	8,897

Three hundred and seventy seven samples of water were received during the year and these were examined bacteriologically, with a view to check the efficiency of filters and as regards their suitability for drinking purposes. The

details of examination are given below.

No.	District.	Fit.	Unfit.	Total.
1.	Bangalore ..	8	1	9
2.	Mysore ..	4	5	9
3.	Kolar ..	6	2	8
4.	Tumkur ..	4	1	5
5.	Kadur ..	2	0	2
6.	Chitaldrug. ..	1	2	3
7.	Shimoga ..	5	5	10
8.	Hassan. ..	5	0	5
9.	Madras ..	8	2	10
	Total ..	43	18	61

Seven thousand five hundred and seventy eight samples of blood were received and examined as shown below.

No.	Items.	Positive.	Negative	Total.
1.	Wassermann ...	2,690	3,457	6,147
2.	Widal ...	360	926	1,286
3.	Malaria parasite ...	15	87	102
4.	Relapsing fever ...	-	7	7
5.	Plague Bacilli ...	3	18	18
6.	Leucocyte count ...	-	-	18
	Total ...	...	...	7,578

19 samples of Cerebro-spinal fluid were examined for Lange's Colloidal Gold test, of which 2 showed Paretic curve, 4 Leutic curve and the rest negative. All these samples were also examined for Leucocyte count, Globulin, Sugar and Wassermann.

During the year there was an outbreak of some disease

which particularly affected fowls and crows, in Bangalore City and elsewhere with a heavy mortality. A few dead crows were sent by the Health Officer for examination. The cultures made revealed an organism of Colon group which on passage through healthy fowls failed to transmit the disease.

Five hundred and fifty five samples of calf vaccine were received from the Vaccine Institute.

One hundred and forty one examinations were made on specimens received from the Veterinary Department as detailed below.

No.	Items.	Positive.	Negative.	Total.
1.	Piroplasmosis ...	1	57	58
2.	Anthrax ...	3	27	30
3.	Haemorrhagic Septicasmia.	1	21	22
4.	Johne's Disease. ...	-	2	2
5.	Blackquarter. ...	2	11	13
6.	Serum for contamination.	-	2	2
7.	Acid fast organisms.	1	-	1
8.	Trypanosomes ...	-	1	1
9.	Plague. ...	-	1	1
10.	Virus for contamination.	-	3	3
11.	Tubercle bacilli ...	-	2	2
12.	Mange Mites ...	1	3	4
13.	Maggots. ...	-	1	1
	T o t a l. ...	...	...	141

One hundred and forty nine articles were received for analysis from Government departments and private parties, as against 143 in the preceding year. The following were the details of articles received.

No.	Items.	No.
1.	Water ...	61
2.	Disinfectant. ...	1
3.	Brandy essence..	7
4.	Whisky ...	1
5.	Gin ...	1
6.	Rum. ...	1
7.	Wood spirit ...	1
8	Milk ...	2
9	Ghee ...	4
10.	Alum ...	1
11.	Toddy ...	2
12.	Viscera ...	1
13.	Bottle washes ...	2
14.	Coffee for presence of carbonic acid.	1
15.	Saccharine crystals.	1
16.	Urine ...	60
17.	Castor oil. ...	2
	Total ...	149

The following table describes the contents of 202 cases with 829 articles received during the year for medi-cological examination, as compared with 200 cases with 700 articles in the preceding year.

	Particulars.	No.of cases.	No.of articles
1.	Suspected Human poisoning.	77	417
2.	Blood stains ..	98	312
3.	Abortions. ..	9	35
4.	Seminal stains. ..	6	18
5.	Cattle poisoning ..	1	8
6.	Dog's viscera. ..	1	2
7.	Snake Bite. ..	1	4
8.	Alcohol. ..	3	15
9.	Slides. ..	2	7
10.	Ragi ..	2	4
11.	Dhatura seeds. ..	1	1
12.	Hanging ..	1	6
	Total. ..	202	829

In 2 cases aconite poisoning, in 1 glass, in 4 oleander, in 75 blood, in 1 opium, in 16 arsenic, in 2 mercury, in 1 cannabis indica, in 1 strychnine, in 1 Gonococci, in 1 gloriosa superba (gouri gedde alias gangrigedde) were detected.

The most commonly found poison was arsenic, detected in 16 cases. Amongst the rarely found poisons the following may be mentioned. Eight seeds of Nux Vomica (mushti kai) were found in the viscera of a suspicious case of death of a man who was reported to have been beaten to death. "Gloriosa superba", (gouri gedde) the juice of which was administered to a person to relieve him of colic in the stomach, was detected in one case. In a case of aconite poisoning the wife had mixed the powder in the food and had served it to her husband on the advice of her paramour. In another case a Sadhu had offered a beedi consisting of Dhatura seed to a Mohamedan boy who after taking a few puffs, became unconscious and behaved like a lunatic.

Oleander seeds which are commonly used for poisoning the cattle were found in 2 cases of human poisoning. In one case the wife had mixed the seeds in powdered form in the food and served her husband, whilst in an other case the seeds were detected in the viscera of a girl aged about 20 years who had been ill-treated by her husband and mother-in-law.

In a case of mercurial poisoning the quantity of mercury perchloride detected in the food administered was 408¾ grains, 5 grains being the fatal dose.

It is reported that in many cases of abortion it is the exception rather than the rule to detect poison in the viscera of women. Probably abortions in many cases were induced by mechanical means, death being due to complications.

An effective control over the sale of poisons, easily accessible to the public, must be exercised in order to avoid cases of poisoning which are becoming frequent.

In this connection it is suggested that copies of judgments passed in different courts in respect of cases referred to the Chemical Examiner should be supplied to the Institute in future, in order that a connected history of food poisoning in Mysore State may be compiled. It is reported that such a practice exists in British India.

Vaccine Institute, Bangalore.

There was no change in the superior staff of the Institute during the year under report. Sub-assistant surgeon Mr. M. Srinivasa Rao was reverted to the Medical Department about the middle of the year, another sub-assistant surgeon Mr. P. Guruswamayya being posted in his place.

The work at the Institute is of a highly technical nature and difficulty is experienced in finding suitable incumbents for vacancies on account of leave, transfer or retirement in the superior staff. It seems desirable

to so arrange the personnel as to make it possible to assure a certain degree of permanence in the Bureau in order that, when occasion arises, the work of the Institute may be carried on without break.

The calves required for lymph production were supplied as usual by an approved contractor. 23 calves remained at the close of the year 1928 and 411 calves were purchased during the year under report, making a total of 434 for the year as against 535 in the previous year. The gross cost of calves purchased was Rs 4,446/8/- the net cost after making deductions for amounts realised from the sale of done-calves being Rs 3,557/8/- i.e. an average of Rs 8/9/9 per calf as compared with Rs 9/15/8 in the previous year.

Of the 396 calves vaccinated during the year, 30 or 6.2 per cent had to be rejected owing to unhealthy reactions. 43,758 grains of pulp, including 11,334 grains reserved for stock, equivalent to 437,580 cases were collected from the remaining calves. The average yield per calf vaccinated was 110.5 grains of pulp equivalent to 1,105 cases as against 83.52 grains of pulp equivalent to 835.2 cases in the previous year.

Considerable difficulty was experienced in April 1929, in getting suitable calves owing to the prevalence of foot and mouth disease and other communicable diseases in the surrounding villages. During the year there occurred 2 cases of Blackquarter and 1 case of Diarrhoea amongst the calves in the Institute. 3 calves died,

1 waiting calf from Blackquarter, 1 done-calf from extreme debility and 1 buffalo calf from debility and impaction of rumen.

The sick calves were immediately transferred to the Civil Veterinary Department and in consultation with the officers of that Department suitable measures were undertaken for preventing the spread of the disease amongst the other calves at the Institute. In this connection, it may be mentioned that a good grazing ground for calves and facilities for satisfactory group segregation of animals in the Institute are an immediate necessity. When the proposed out-buildings on the newly acquired land to the south of the Institute are put up, these wants would have been met to some extent.

The expenditure under feeding of calves amounted to Rs 961-5-0 or an average of Rs 2-3-5 per calf in 1929 as against Rs 869-7-0 or an average of Re.1/12/3 in the year previous. The amount realised by the sale of calves during the year was Rs 909/- or an average of Rs 2/4/- per calf against Rs 978/- or an average of Rs 2/- in the preceding year.

Table 9. Particulars of Issue of Lanoline lymph from the Vaccine Institute, during the year 1929.

P. T. O.

Table 9. Particulars of Issue of Lanoline lymph from the Vaccine Institute, Bangalore, during the year 1929.

District.	N a m e s.	1929	1928
Bangalore.	Vaccinators ..	36,700	29,365
	Medical Officers & Subordinates.	4,921	5,424
Mysore.	Vaccinators. ..	35,802	51,531
	Medical Officers & Subordinates.	4,560	10,340
Kolar.	Vaccinators ..	14,735	17,674
	Medical Officers & Subordinates.	1,622	745
Tumkur.	Vaccinators ..	20,586	17,601
	Medical Officers & Subordinates.	1,341	1,470
Shimoga.	Vaccinators. ..	21,120	17,790
	Medical Officers & Subordinates.	836	454
Hassan.	Vaccinators. ..	13,235	16,387
	Medical Officers & Subordinates.	1,273	1,229
Kadur	Vaccinators. ..	9,110	10,413
	Medical Officers & Subordinates.	886	1,282
Chitaldrug	Vaccinators. ..	15,576	13,685
	Medical Officers & Subordinates.	1,624	950
Bangalore City.	Health Officer ..	14,795	27,480
Mysore City.	Health Officer. ..	4,360	14,795
Kolar Gold Fields.	Health Officer. ..	17,210	14,670
Rural Health Unit, Mandya.	Health Officer. ..	2,010	-
Stations outside Mysore State.	.. ..	41,847	31,945
	Total. ..	2,64,149	2,85,230

The quantity of Lanoline lymph issued during the year as detailed in Table 9 was enough for 264,149 cases including 41,847 cases issued outside the State as against 285,230 and 31,945 cases respectively in the year previous.

Supply of lymph to stations inside the State during the months of May and June had to be curtailed on account of shortage in supply of suitable calves, due to the prevalence of foot and mouth and other communicable cattle diseases. In that connection a special recommendation was submitted to Government to authorise Local Bodies to obtain their supplemental supply of lymph from Belgaum or Guidy. Government in their order No. G. 13267-84/San.80-28-2 dated 25th April 1929 sanctioned the recommendation.

Table 10. District-war Classification of Results of Primary Vaccination reported to the Vaccine Institute.

Districts.	January to June 1929.					July to December 1929.				
	Total No. of cases Vaccinated.	Successful.	Unsuc-cess-ful.	Unknown	Percent age success.	Total No. of cases Vaccinated.	Successful.	Unsuc-cess-ful.	Unknown	Percent age success
Bangalore ..	10,696	7,482	2,554	660	74.5	7,979	7,083	494	402	93.6
Mysore ..	9,141	6,588	2,020	533	76.5	8,215	7,312	619	284	92.1
Kolar ..	2,818	2,137	589	92	78.3	2,839	2,581	120	138	95.5
Tumkur ..	6,043	4,032	1,566	445	72.0	6,643	5,839	393	411	93.7
Shimoga ..	4,170	2,810	947	413	74.7	3,373	2,784	382	207	87.9
Hassan. ..	5,279	4,139	900	240	82.1	4,141	3,597	336	208	91.4
Chitaldrug. ..	4,525	3,251	1,057	217	75.4	3,904	3,558	263	83	93.1
Kadur. ..	2,538	1,922	472	144	80.2	3,190	2,803	296	91	90.0
Model Range, Bangalore. ..	..	..	..	..	..	448	438	4	6	99.0
Rural Health Unit, Mandya. ..	1,163	827	192	72	81.1	972	873	19	40	97.9
Stations out-side the State.	..	..	..	..	..	32,940	30,118	2,779	43	92.0
						(Half yearly totals not available)				

Out of a total of 264,149 cases for which lymph was issued, the results of 100,286 primary cases or 38 per cent of the total were reported to the Institute, as against 24 per cent in the preceding year. New, "Paste Result Cards" were introduced from 1st. November 1929 to facilitate quick reporting.

The average percentage of successful prim vaccinations reported between January to June was 78 being practically the same as that of the corresponding period of last year; but between July to December it was 91.5 per cent against 80.6 in the previous year. The average success rate in the year under report was 85 against 80 in the previous year.

In August 1929 a Model Vaccination Range was constituted consisting of 78 road-side or easily approachable villages within a radius of 16 miles of the Institute in Bangalore District. The vaccinations in this range were done by a vaccinator kindly lent by the District Board,Bangalore, working directly under the Superintendent of the Institute. By this means testing of every paste, under field conditions prior to issue, has been made possible. It will be seen from Table 10 that 99 per cent of vaccinations done in this Range proved successful.

Table 11.

Table 11. Results of Primary Vaccination classified by Districts monthwar during 1929.

Districts.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December
Bangalore. ..	80.4	81.7	62.4	64.5	74.3	81.0	88.5	94.4	96.3	96.0	92.3	94.9
Mysore. ..	78.3	82.1	70.8	69.2	79.5	86.0	89.6	93.8	94.1	93.3	88.1	94.4
Kolar. ..	84.9	84.2	66.7	78.1	80.0	96.2	73.9	93.7	95.4	96.3	95.8	96.4
Tumkur. ..	83.2	71.0	50.8	65.6	83.5	90.1	77.5	95.1	96.8	96.3	94.5	95.5
Shimoga. ..	78.8	71.3	69.8	79.1	77.6	81.7	83.7	86.1	94.2	91	83.9	89.3
Hassan. ..	86.9	82.0	71.0	80.0	90.0	91.2	88.4	94.8	94.5	90.7	90.7	90.2
Chitaldrug. ..	79.5	78.6	57.5	79.4	80.0	82.4	82.2	96.2	98.5	93.4	91.5	94.4
Kadur ..	83.5	86.1	72.0	74.2	81.8	85.0	83.9	93.3	89.0	92.1	89.7	91.6

The percentage success in vaccination appears to be low ranging between 72 and 82 in the first half of the year January to June and about 90 in the latter half of the year. This fact is brought out clearly in the month-war classification of percentages in Table 11.

Table 12. Percentage of successful Primary Vaccinations by Months in the period 1922-29.

Months.	1922	1923	1924	1925	1926	1927	1928	1929.
January. ..	94	93	93	93	92	92	82	82
February ..	94	93	92	92	90	83	79	80
March ..	91	86	63	87	87	47	73	65
April ..	92	86	75	82	88	48	78	74
May ..	95	90	90	88	90	71	81	81
June ..	94	90	85	91	87	81	77	87
	93%	89%	83%	89%	89%	70%	78%	78%
July ..	92	93	92	92	89	71	83	83
August ..	98	92	89	94	98	84	83	93
September ..	94	93	85	94	92	83	77	95
October. ..	94	90	92	92	93	84	81	94
November ..	95	87	85	92	92	86	75	91
December ..	94	94	94	91	93	84	85	93
	94.5%	91.5%	89.5%	92.5%	92.5%	82%	80.6%	91.5%
Yearly Average...	92%	93%	86%	92%	94%	81%	80%	85%

Table 12 gives the percentage success rates in the period 1922-29. Detailed investigations are necessary before any definite statement can be made in respect of such variations in the two halves of the year.

In the second half of the year, the Model Range reported 99 per cent success, the Rural Health Unit,

97.9 per cent and the whole State 85 per cent. It is obvious that local conditions under which vaccinations are done and the conditions under which results are at present reported are apparently factors no less important than the quality of the virus itself.

Table 13. Complications and Sequale reported in 28 cases.

District.	No. of cases.	Age.			Complications.			Period.		
		Infant	0-5.	Over 5.	Ulcers.	Abcess.	Errruptions.	1st. week.	2nd. week.	3rd. week.
Bangalore.	2	1	1	..	1	1	..	..	2	..
Kolar	12	4	8	..	11	1	..	3.	8	..
Chitaldrug.	1	..	1	..	1	..	..	..	1	..
Tumkur.	5	2	3	..	5	..	..	..	5	..
Mysore.	8	4	4	..	..	..	8	..	8	..
Total ..	28	11	17	..	18	2	8	3	25	..

From a study of reports of complications and sequalae it is seen that they were all due to sepsis either during vaccination or subsequently on account of injury to vesicles from scratching etc. The complications may be prevented by the vaccinator taking more careful precaution during vaccination to prevent sepsis and seeing that the nails of children are cut both before vaccination and at time of inspection.

During the year complications and sequalae were reported in 28 cases, but the number of cases reported are obviously too few to call for any special notice.

The following statement shows the Income and Expenditure in the year 1929 as compared with that of 1928.

I t e m s.	1929.			1928.		
Income.	Rs	a.	p.	Rs	a.	p.
1. Sale of vaccinated calves.	909	0	0	978	0	0
2. Sale of lymph:						
a. within the State. ..	11,541	10	7	13,712	12	0
b. out-stations. ..	4,128	9	0	3,210	7	0
3. Amount outstanding at the close of the year:						
a. within the State. ..	7,185	4	4	7,282	6	0
b. out-stations. .. (since received)	52	0	0	-	-	-
Total .. Rs	23,816	7	11	25,183	9	0
Expenditure.						
1. Salaries. ..	4,335	0	0	4,902	14	0
2. Establishment. ..	5,067	14	0	3,779	14	0
3. Cost of calves and experimental animals. ..	5,668	0	0	5,766	12	0
4. Cost of feeding. ..	961	5	0	867	7	0
5. Contingencies:						
(a) Recurring. ..	4,105	5	0	2,875	0	0
(b) Non-recurring ..	..	.		7,507	8	0
Total .. Rs	20,137	8	0	25,699	7	0

A statement of progress made in the demand for, and the collection of dues for, supplies from the Institute subsequent to the issue of Government Order No. L. 5137-210/ San. 19-25-2 dated 18th January 1926 is given in Table 14.

Table 14. Progress of collections made against Demands for supplies of lymph in the years 1925 - 1929.

Year	Outstanding demands.									Collections.									Balance.								
	Arrears due.			Current year's dues			Total			Towards arrears			Towards current			Total			Towards arrears			Towards current dues.			Total.		
1925 ..	23,615	14	11	20,341	4	5	43,957	3	4	3,572	9	4	8,918	6	10	12,491	0	2	20,043	5	7	11,422	13	7	31,466	3	2
1926 ..	31,466	3	2	17,218	11	2	48,684	14	4	1,419	0	0	8,102	11	9	9,521	11	9	30,047	3	2	9,115	15	5	39,163	2	7
1927 ..	39,163	2	7	17,718	8	0	56,881	10	7	5,065	6	4	10,657	3	4	15,722	9	8	34,097	12	3	7,091	4	8	41,159	0	11
1928 ..	41,159	0	11	24,205	9	0	65,364	9	11	7,348	7	6	16,923	3	0	24,271	10	6	33,810	9	5	7,282	6	0	41,092	15	5
1929 ..	41,092	15	5	22,907	7	11	64,000	7	4	19,353	15	9	15,670	3	7	35,024	3	4	21,738	15	8	7,237	4	4	28,976	4	0

During the year under report, a sum of Rs 7,237-4-4 out of Rs 22,907-7-11 on account of supplies, remained unadjusted. The corresponding amounts in the previous years were Rs 7,282-6-0 and Rs 24,205-9-0 respectively. Besides this amount a sum of Rs 21,738-15-8 as per accounts kept at the Institute remains yet unadjusted by the several Local Bodies for supplies in previous years making a total of Rs 28,976-4-0 to be adjusted up to 31st. December 1929 against Rs 41,092-15-5 at the close of the year 1928.

Table 15. **Showing the amounts due from the several Local Bodies and Government Departments for Vaccine Lymph supplied from the Vaccine Institute, Bangalore, up to 31st. December 1929.**

Districts.	Parties.	Amount due up to 31-12-28.			Amount due up to 31-12-29.			Total amount due up to 31-12-29.		
lore.	President, District Board, Bangalore. ..	6,541	11	2	1,097	14	8	7,639	9	10
	President, Municipal Council, Bangalore City. ..	-	-	-	150	6	8	150	6	8
	" Chennapatna. ..	294	13	4	70	13	4	365	10	8
	" Closepet	3	5	4	7	8	0	10	13	4
	" Dodballapur. ..	14	5	4	2	8	0	16	13	4
	" Hosakote ..	6	8	0	-	-	-	6	8	0
	" Magadi ..	23	13	4	-	-	-	23	13	4
	" Thyamagondlu ..	6	10	8	0	13	4	7	8	0
	" Yelahanka ..	6	1	4	25	14	8	32	0	0
	" Kankanhalli ..	-	-	-	36	4	0	36	4	0
	" Nelamangala ..	-	-	-	60	6	8	60	6	8
	" Devanahalli ..	-	-	-	13	1	4	13	1	4
	" Vadegenahalli ..	-	-	-	1	4	0	1	4	0
	" Anekal ..	-	-	-	15	1	4	15	1	4
	" Sarjapur ..	-	-	-	6	4	0	6	4	0
	Medical Officer, St.Martha's Hospital, Bangalore. ..	-	-	-	2	1	4	2	1	4
	Superintendent, Civil Veterinary Department, Bangalore.	-	-	-	90	0	0	90	0	0
	Director, Health Survey, Bangalore.	-	-	-	4	2	8	4	2	8
					(To be recovered from President, District Board, Mysore.)					
	President, District Board, Kolar	3,559	15	8	-	-	-	3,559	15	8

Table 15. (Contd.)

Districts.	Parties.	Amount due up to 31-12-28.			Amount due up to 31-12-29.			Total amount due up to 31-12-29.		
(contd.)	President, Municipal Council, Bowringpet.	178	5	0	34	5	4	212	10	4
	" " Chintamani.	25	13	4	6	4	0	32	1	4
	" " Gudibanda.	1	4	0	5	13	4	7	1	4
	" " Malur	2	0	0	23	5	4	25	5	4
	" " Goribidnur.	7	8	0	3	5	4	10	13	4
	" " Srinivaspur	2	8	0	-	-	-	2	8	0
	" " Kolar ..	-	-	-	139	4	0	139	4	0
	" " Sidlaghatta.	-	-	-	40	2	8	40	2	8
	" " Mulbagal...	-	-	-	12	8	0	12	8	0
	" " Chikballapur.	-	-	-	10	6	8	10	6	8
	President, Sanitary Board, K.G.F.	-	-	-	162	8	0	162	8	0
	Executive Engineer, Water Supply Division, Bangalore..	-	-	-	6	6	8	6	6	8
	President, District Board, Tumkur.	3,899	3	11	1,677	0	0	5,576	3	11
	President, Municipal Council, Tumkur.	79	4	0	-	-	-	79	4	0
	" " Sira ..	12	1	4	17	1	4	29	2	8
	" " Koratagere.	36	10	8	7	4	0	43	14	8
	" " Gubbi ..	0	13	4	21	10	8	22	8	0
	" " Madhugiri..	53	6	8	1	10	8	55	1	4
	" " Pavagada...	-	-	-	11	10	8	11	10	8
	" " Tiptur. ..	-	-	-	3	5	4	3	5	4
	" " Chiknayakanhalli. ..	-	-	-	1	10	8	1	10	8
	" " Turuvekere.	-	-	-	2	8	0	2	8	0
	District Medical Officer, Tumkur.	-	-	-	8	5	4	8	5	4
	President, District Board, Mysore.	21	12½	4	725	8	0	747	4	4
	President, Municipal Council, Mysore City.	-	-	-	106	10	8	106	10	8
	" Seringapatam.	89	8	4	7	8	0	97	10	4
	" Hunsur.	5	13	4	13	12	0	19	9	4
	" Periyapatna.	-	-	-	1	4	0	1	4	0
	" Chamarajnagar.	50	2	8	14	9	4	64	12	0
	" Ramasamudra.	-	-	-	2	1	4	2	1	4
	" Malvalli.	52	8	0	19	8	0	72	0	0
	" Gundlupet	23	12	0	25	0	0	48	12	0
	" Melkote.	10	13	4	6	10	8	17	8	0
	" Maddur	4	9	4	6	10	8	11	4	0
	" Bannur	66	10	8	22	1	4	88	12	0
	" Nagamangala.	16	10	8	1	10	8	18	5	4
	" Mandya	0	6	8	-	-	-	0	6	8
	" Yedathore.	35	4	0	7	14	8	43	2	8
	" Heggadadevankote.	16	10	8	10	14	8	27	9	4
	" Nanjangud.	-	-	-	21	13	4	21	13	4
	" Saligrama.	-	-	-	5	0	0	5	0	0
	" French-Rocks.	-	-	-	0	13	4	0	13	4
	" Krishnarajpet.	-	-	-	1	10	8	1	10	8
	" Thalakad.	-	-	-	1	13	4	1	13	4
	" Sargur.	-	-	-	3	8	0	3	8	0
	Sub-Assistant Surgeon, Hampapur Dispensary.	5	2	8	-	-	-	5	2	8
	Executive Engineer, Irwin Canal Works, Hulikere. ..	2	5	4	4	2	8	6	8	0

Table 15 (Contd.)

Districts.	Parties.	Amount due up to 31-12-28.			Amount due up to 31-12-29.			Total amount due up to 31-12-29		
(Cond.)	Health Officer, Rural Health Unit, Mandya	-	-	-	115	9	4	115	9	4
	(To be recovered from the President District Board Mysore.)									
	Medical Officer, Mysore Jail.	-	-	-	7	1	4	7	1	4
	District Medical Officer, Mysore. ..	-	-	-	2	8	0	2	8	0
	Chief Electrical Engineer, Bangalore. ..	-	-	-	3	5	4	3	5	4
	Sub-Assistant Surgeon, Bedaguli Dispensary..	-	-	-	12	15	0	12	15	0
	Medical Officer, Sawar & Bar Dispensary, Mysore..	9	15	8	-	-	-	9	15	8
	Medical Officer, K.T.Sanitorium, Mysore	1	5	4	-	-	-	1	5	4
	Executive Engineer, K.R.Sagar, Works, K.R.Sagar.	-	-	-	5	14	8	5	14	8
	President, Municipal Council, Kadur. ..	8	6	8	12	1	4	20	8	0
	" Koppa ..	-	-	-	6	10	8	6	10	8
	" Sringere..	-	-	-	3	12	0	3	12	0
	" Birur. ..	-	-	-	6	4	0	6	4	0
	" Ajjampur..	-	-	-	10	0	0	10	0	0
	Amildar, Sringere Jagir, Sringere,	-	-	-	8	5	4	8	5	4
	President, District Board, Chiltaldrug District. ..	2,967	13	5	1,260	13	4	4,228	10	9
	President, Municipal Council, Chitaldrug.	36	10	8	56	4	0	92	14	8
	" Davangere	86	1	4	17	1	4	103	2	8
	" Hiriyur.	22	14	8	13	5	4	36	4	0
	" Challakere.	10	1	4	8	5	4	18	6	8
	" Jagalur	5	0	0	6	10	8	11	10	8
	" Malebannur.	8	8	0	-	-	-	8	8	0
	" Hosadurga.	3	5	4	1	4	0	4	9	4
	" Harihar	-	-	-	4	9	4	4	9	4
	" Nayakanhatti.	-	-	-	9	5	4	9	5	4
	District Medical Officer, Chitaldrug.	2	8	0	-	-	-	2	8	0
	President, District Board, Hassan.	2,387	15	2	91	10	8	2,479	9	10
	President, Municipal Council, Hassan.	-	-	-	8	5	4	8	5	4
	" Holenarsipur.	1	4	0	12	8	0	13	12	0
	" Alur	13	14	8	7	8	0	21	6	8
	" Belur	26	13	8	1	4	0	28	1	8
	" Banavar.	26	13	4	1	10	0	27	13	4
	" Chenrayapatna	13	14	8	2	12	0	16	10	8
	" Arkalgud.	1	6	8	6	10	8	8	1	4
	" Arasikere.	14	2	8	-	-	-	14	2	8
	" Konanur.	3	5	4	3	12	0	7	1	4
	" Saklespur	-	-	-	2	1	4	2	1	4
	" Shravanabelgola.	-	-	-	10	13	4	10	13	4

Table 15. (Contd.)

Districts.	Parties.	Amount due up to 31-12-28.			Amount due up to 31-12-29.			Total amount due up to 31-12-29.		
	President, District Board, Shimoga District ..	781	9	4	467	1	4	1,248	10	8
	President, Municipal Council, Shimoga.	102	5	4	154	5	4	256	10	8
	" Bhadravathi ..	41	0	Ø0	17	8	0	58	8	0
	" Honnali ..	1	10	8	0	13	4	2	8	0
	" Channagiri ..	0	13	4	2	8	0	3	5	4
	" Shikarpur ..	0	1	4	-	-	-	0	1	4
	" Nyamathi ..	-	-	-	5	0	0	5	0	0
	" Shiralkoppa ..	-	-	-	4	2	8	4	2	8
	" Hosanagar. ..	-	-	-	0	13	4	0	13	4
	Assistant Surgeon, Ironworks, Bhadravathi. ..	-	-	-	21	0	0	21	0	0
	District Medical Officer, Shimoga. ..	0	14	8	~~21~~	-	-	0	14	8
	The Chairman, Municipal Council, Ernakulam. .. since received.	21,738	15	8	7,185	4	4	28,924	4	0
		-	-	-	*52	0	0	52	0	0
	Grand Total Rs	21,738	15	8	7,237	4	4	28,976	4	0

It is possible that in some cases the dues might have been credited to the Treasury without intimation of the same being sent to the Institute. Some items may have been shown as outstanding not because these items have not been actually paid but because sufficient information to identify the amounts were not available. In this connection it may be noted that even the monthly department credit statements sent from the Comptroller are frequently returned unverified on account of this difficulty. To ensure prompt and correct reporting of credits made, the solution would be for the parties, crediting the amount in respect of dues to the treasury, doing so in triplicate chellan, one of which being sent to the Institute by the treasury concerned.

The cost of lymph issued during the year works out at 17 pies per case against 18 pies in the previous year. This includes 1/5th of the cost of non-recurring expenditure of Rs 7,507-8-0 incurred during the year 1928. -Excluding such amounts the cost of lymph issued during the year works out at 15 pies per case and 14 pies in the previous year.

18 candidates for qualifying in Vaccination were trained during the year, 16 of them being granted certificates. 7 pupil compounders also underwent training. The usual course of demonstrations in vaccination was held during the year for the final year students of the M.B.,B.S., and L.M.P. Sections of the Medical College.

Plate culturing for testing the purity of lymph was being done at the Public Health Institute up to 25-9-29 and the reading of results at the Vaccine Institute. Subsequent to that date culturing also was done at the Vaccine Institute, the necessary laboratory accomodation and equipment having been provided.

During the year 477 samples of lymph were examined 538 times bacteriologically, 4 samples of paste were rejected on account of B.Pyocyaneous contamination as against 7 samples in the preceding year. 10 other samples were rejected for defective initial potency as judged by clinical tests on calves as against 4 in the year previous.

The Electric Refrigerator failed to work for want of sufficient voltage from 5th February 1929 to 10th May 1929

and the seed lymph stored therein deteriorated. Addition of a transformer ensured constant voltage and the plant gave no further trouble during the rest of the year.

The Journal of Experimental Medicine was subscribed for under sanction of Government with effect from 1st. July 1929.

The following changes in the technique of "Cultivation" have been made with a view to increase the initial potency of lymph.

1. The potency of seed lymph has been systematically maintained by regular passage from Calf to Rabbit, Rabbit to Buffalo Calf and Buffalo Calf to Cow Calf — a modification of Nejland's method of maintenance of potency after each generation, as against exalting the virus by passage through Rabbit after detection of signs of degeneration by few passages through calves alone.

2. Preservation of seed lymph at $0^{o}C$ in the Electric Refrigerator instead of at $12^{o}C$ as in previous years.

3. Titration of Glycerine every time it is used for dilution purposes, to ensure its P.H. to be between 7.5 and 8 at the time of use.

4. Using machine mixed seed lymph instead of hand-ground lymph as in previous years.

5. Cultivation of strain on several calves on the same day and pooling their yield when mature, in order to eliminate as far as possible the calf factor in the quality of lymph produced.

New experiments were made during the year in respect of vesicular rates etc. The respective vesicular rates for the different pastes produced in 1929 have been investigated and further study regarding their possible association with the respective field results has been attempted. A few important results are mentioned below.

The average number of discrete vesicles per inch of insertion was found to be as follows:—

Year.	1 in 50	1 in 100	1 in 500	1 in 1000	No. of observations made.
1928 ..	3.56	3.11	1.59	0.99	377
1929 ..	4.27	3.59	1.98	1.31	190

The average yield per inch of insertion (on calf) has been found to be 1.12 grains as a result of 378 observations against 0.86 grains as a result of 473 observations in the year previous. It may now be safely stated that the initial potency has increased since last year.

The effect of storage of Lanoline lymph at 12°C and Glycerine lymph at 0°C produced from the same pulp has been investigated. At the end of 22 days' storage, Lanoline lymph as a result of 55 observations was found to lose 33.3 per cent of its initial potency, the number of extraneous organisms being reduced by 26.2 per cent, whereas in Glycerine lymph at the end of the same period the potency was reduced by 33.3 per cent although the extraneous organisms were reduced by 70.0 per cent.

The effect of storage of Lanoline and Glycerine lymphs respectively at 12°C and 0°C produced from the same pulp was investigated with the following result:—

Lymph.	Number of observations made.	Period in days.	Temperature.	
			12°C	0°C
			Potency reduced by	
Lanoline. ..	16	34	62.3%	38.0%
Glycerine. ..	"	"	64.1%	41.0%

Glycerine lymph was preserved at 0 C with selective antiseptics and the results observed are given below:—

Lymph	No.of observations made.	Period in days.	Potency reduced by.	Purity reduced by.
Glycerine lymph with 0.5% Clove oil. ..	-	-	45.5%	98.4%
Glycerine lymph with 0.5% Acid Carbolic..	86	63	45.7%	93.8%
Glycerine lymph without any selective antiseptics.	-	-	56.6%	77.0%

Chloroform vapour is another recognised selective antiseptic for Glycerine lymph and experiments on the keeping properties of this lymph will be made in the coming year.

On the whole there was good progress in the working of the Institute during the year under report.

VITAL STATISTICS.

The staff of the Bureau of Vital Statistics consisted of a Vital Statistician, a draftsman, a stenographer, a statistical clerk, and one peon. The Statistician, Mr. E R. Sundararajan, M.A., was serving on a second year's probation.

A survey of vital statistics and epidemic disease reporting in the State was completed early in the year and with recommendations for improvement, the results were published as a Department of Health Bulletin No.VI. The Statistician also made other surveys during the year for the Director of Health, worked up certain data in regard to the occurrence of malaria and other diseases in the State, received and classified the birth and death reports, worked on model forms for this reporting which are being tried in the Rural Health Unit Area, and acted as editor of the Department's Quarterly Reports. The main work of the Bureau for some years to come will be along the line of improving the reporting of vital occurrences, the present situation being very bad indeed in this respect.

(1) Births.

During the year 1,13,918 births were reported, of which 58,807 were male and 55,111 female. There was a slight increase in the number of births reported over last year, the rates in the two years being 19.44 and 18.46 respectively. Increase in births was reported

in all districts except Kolar where a decrease of 3.42 per mille of population was recorded as compared with that of the previous year.

Table 16. Births registered in the Districts during the year 1929.

District.	Number of Births registered.			Ratio of Births per 1000 of population.			No. of males born to every 100 females born.	Excess of births over deaths per 1000 of population.	Excess of deaths over births per 1000 of population.	Mean Ratio of Births per 1,000 during previous 5 years.			Ratio of births per 1000 of population for the past year.
	Males.	Females.	Total	Males.	Females.	Total.				Males.	Females.	Total	
Bangalore	10701	10382	21083	23.07	23.42	23.24	103.07	6.47	-	20.35	20.90	20.69	22.26
Kolar ..	8108	7407	15515	20.02	19.12	19.58	109.46	6.27	-	22.65	22.45	22.55	23.00
Tumkur..	9207	8677	17884	23.31	22.94	23.13	106.10	8.90	-	20.68	20.45	20.58	20.19
Mysore..	11508	10388	21896	16.37	14.83	15.60	110.79	3.93	-	16.34	14.90	15.80	13.57
Hassan..	4729	4443	9172	16.18	15.27	15.70	106.21	2.34	-	14.34	14.06	14.39	13.81
Shimoga.	5130	4871	10001	19.94	20.69	20.30	105.11	2.52	-	18.00	18.42	18.18	20.65
Kadur ..	2909	2704	5613	16.65	17.01	16.82	107.58	2.23	-	14.13	14.51	14.21	14.16
Chitaldrug.	6515	6239	12754	22.08	22.34	22.02	104.42	6.82	-	20.25	20.75	20.77	20.19
Total (Mysore State)	58807	55111	113918	19.69	19.16	19.44	106.76	5.20	-	18.68	18.54	18.54	18.46

In all districts the proportion of male to female births was greater than unity, the number of male births to every 100 female births being everywhere greater than 100.

Another significant feature of this year's figures is that the number of births exceeded the number of deaths in all districts. The monthly variations in the number of births and deaths recorded in districts and the four cities are shown in Table 17.

Table W. Number of Births and Deaths reported i

Districts including Cities.	January.		February.		March		April		May		June.		
	B.	D.	B.	D.	B.	D	B.	D.	B.	D.	B.	D.	
Bangalore ..	1412	1339	1054	850	1053	753	1437	1033	1641	1093	1777	1154	22
-Kolar ..	1080	1209	1066	939	1002	828	1214	799	1205	779	1595	937	13
Tumkur ..	1172	970	1157	738	1104	839	1291	860	1483	823	1493	849	17
Mysore ..	1451	1450	1583	1311	1611	1313	1582	1153	1988	1250	1848	1167	20
-Hassan. ..	703	738	651	556	756	620	777	611	780	649	626	524	9
Shimoga ..	715	928	727	802	810	1035	927	919	943	712	1062	543	10
Kadur. ..	388	471	428	380	452	478	451	362	492	343	473	369	5
Chitaldrug ..	818	613	993	544	958	709	983	698	1134	681	1150	545	14
Total(Mysore State)	7739	7718	7659	6120	7746	6575	8662	6435	9666	6330	10024	6088	114
Bangalore City	396	340	298	269	322	325	276	333	243	325	260	242	5
Mysore City.	165	240	178	211	184	193	168	174	174	179	165	197	1
K. G. F. City.	244	212	226	193	244	204	225	129	230	132	260	178	2
C. & M.Station.	351	322	378	354	435	348	423	320	421	321	435	236	5
T o t a l. ..	1156	1114	1080	1027	1185	1070	1092	956	1068	957	1120	853	14

the Districts and Cities during the year 1929.

	August.		September.		October.		November.		December.		Total		Excess of births over deaths per mille.
	B.	D.	B.	D.	B.	D.	B.	D.	B.	D.	B	D.	
307	2146	1551	2332	1430	2260	1572	1874	1540	1857	1592	21083	15214	6.47
669	1569	705	1520	723	1331	724	1307	1023	1216	1206	15515	10541	6.27
887	1647	864	1794	751	1953	1005	1400	1150	1591	1260	17884	10996	8.90
1426	1720	1268	1910	1195	2173	1346	1888	1640	2089	1855	21896	16374	3.93
787	742	587	777	673	878	618	769	715	774	724	9172	7802	2.34
675	888	598	859	593	883	681	737	826	377	446	10001	8758	2.52
467	533	332	499	314	471	426	445	493	428	492	5613	4867	2.23
691	1115	601	1062	776	1040	948	1116	986	974	1066	12754	8848	6.82
8349	10387	6506	10753	6455	10989	7320	9536	8373	9306	8641	113918	83400	5.17
278	395	329	567	314	463	363	472	391	426	401	4628	3902	6.12
182	177	227	222	228	190	259	175	225	172	270	2117	2588	—5.61
191	324	169	317	164	352	178	309	193	294	235	3299	2178	12.78
298	498	309	409	218	406	292	514	393	438	281	5239	3692	13.06
2 944	1394	1034	1515	924	1411	1092	1470	1202	1330	1187	15283	12360	7.14

Table 17 shows that during the year there was an excess of births over deaths reported in Mysore State equal to 5.17 per mille of population. Among the cities Mysore alone reported an excess of deaths over births equal to 5.61 per mille of population. Considering the population of the cities together there is observed an excess of births over deaths equivalent to 7.14 per thousand of population.

The following statement gives the birth rates for the different provinces of India in the period 1922-28.

Table 18. Reported birth rates for the different Provinces of India and for Mysore State in the period 1922-28.

Province.	1922	1923	1924	1925	1926	1927	1928.
Punjab. ..	39.10	43.16	40.05	40.10	41.65	42.70	46.30
Central Provinces.	35.80	45.63	44.18	43.90	46.03	45.58	46.51
Bihar & Orissa.	35.03	37.02	35.70	35.63	37.28	37.64	38.27
Burma. ..	29.69	29.51	27.40	25.38	27.59	25.08	25.85
Bombay ..	32.39	35.57	35.60	34.67	37.05	36.85	38.17
Assam ..	28.40	28.82	31.04	29.08	30.82	20.25	31.34
Bengal ..	27.40	29.90	29.45	29.60	27.43	27.70	...
United.Provinces.	32.17	36.04	34.72	32.73	34.20	36.73	38.24
Madras. ..	30.00	33.10	34.90	33.71	36.10	36.50	37.40
Mysore. ..	17.91	18.04	18.05	17.16	20.52	18.96	18.46

Table 19 gives the birth rates recorded in the districts during the period 1921-29.

Table 19. Birth-rates recorded in the districts in the nine years 1921-1929.

Districts.	1921	1922	1923	1924	1925	1926	1927	1928	1929	Increase or decrease over 1921
Bangalore ..	16.46	18.48	18.42	18.82	19.48	23.34	19.57	22.26	23.34	+6.88
Kolar. ..	18.28	21.53	25.61	20.14	21.72	24.89	23.00	23.00	19.58	+1.30
Tumkur. ..	18.92	19.77	20.18	19.72	17.90	23.50	21.53	20.19	23.13	+4.21
Mysore ..	14.18	14.40	16.07	15.63	15.20	18.56	16.05	13.87	15.60	+1.42
Hassan. ..	14.69	16.36	15.69	14.72	13.72	15.73	13.98	13.81	15.70	+1.01
Shimoga. ..	17.92	18.74	19.61	20.26	15.13	17.84	17.69	20.05	20.30	+2.38
Kadur ..	14.38	16.30	15.98	14.99	13.01	14.74	14.16	14.16	16.82	+2.44
Chitaldrug. ..	17.83	19.86	17.87	20.88	20.99	21.20	20.59	20.19	22.02	+4.19
Mysore State. ..	16.45	17.91	18.04	18.05	17.16	20.52	18.96	18.46	19.44	+2.99

As in previous years the birth rates recorded in the year under report were incomplete. The rates varied from 15.60 (Mysore) to 23.34 (Bangalore), whereas the general average birth rate for the State is about 44 per mille of population. It may therefore be stated without further examination of these rates that reporting of births in Mysore State is very defective and that perhaps birth reporting in Bangalore district is better than in Mysore.

Table 20. Birth Rates Reported in Town Municipalities in Mysore State during the year 1929.*

low 10 per mille (3)			7.	Gubbi ..	14.63
			8.	Sagar ..	14.83
Naikanhatti. ..	3.69				
Shivani ..	4.45			Between 15 and 20 (6)	
Birur ..	9.03				
			9.	Kortagere. ..	15.85
low 10 and 15 (5)			10.	Harihar. ..	17.27
			11.	Belur ..	17.83
Kolar ..	10.54		12.	Jagaloor ..	17.93
Konanur. ..	10.91		13.	Chickballapur ..	19.26
Banavar ..	11.63		14.	Alur ..	19.65

Statistics for Rural Towns in Mysore District had not been reported by the end of June 1930.

Table 20 (Contd.)

Between 20 and 25 (15)		
15. Turuvekere	..	20.14
16. Hiriyur.	..	20.25
17. Thirthahalli	..	20.68
18 Devanhalli	..	20.97
19. Mudigere	..	21.12
20. Chickmaglur.	..	21.16
21 Kankanhalli	..	21.18
22. Magadi	..	21.58
23. Tumkur	..	21.62
24. Arsikere	..	22.01
25. Chellakere	..	23.32
26. Mulbagal.	..	24.33
27. Chintamani	..	24.50
28. Chicknaikanhalli		24.72
29. Sravanabelogala	..	24.90
Between 25 and 30 (18)		
30. Bagepalli	..	25.05
31. Arakalgud	..	25.12
32. Hoskote.	..	25.37
33. Kadur.	..	25.67
34. Nelamangala	..	26.23
35. Chennapatna	..	26.50
36. Closepet	..	26.65
37. Nagar	..	26.70
38. Kumsi	..	26.78
39. Shimoga	..	27.17
40. Nodballapur	..	27.80
41. Shikarpur	..	27.95
42. Anekal	..	28.29
43. Tyamagondlu	..	28.60
44. Davangere	..	28.93
45. Ajjampur	..	29.33
46. Tarikere	..	29.39
47. Honnahalli	..	29.48
Between 30 and 35 (15)		
48. Hole Narsipur	..	30.54
49. Hassan.	..	30.75
50. Bowringpet.	..	31.05
51. Yelahanka	..	31.11
52. Tiptur	..	31.37
53. Malur	..	31.48
54. Chitaldrug.	..	31.80
55. Honnali	..	33.60
56. Madhugiri	..	33.83
57. Vadigenahalli	..	33.86
58. Saklespur	..	33.92
59. Chennagiri	..	34.54
60. Nyamati	..	34.55
61. Solebile	..	34.60
62. Chennarayapatna	..	34.77
Between 35 and 40 (6)		
63. Malakalmuru	..	36.91
64. Kolar Gold Field	..	37.62
65. Gudibanda	..	37.95
66. Bangalore	..	39.03
67. Sira	..	39.31
68. Holalkere	..	39.57
Between 40 and 45 (7)		
69. Sorab.	..	41.29
70. Shiralkoppa	..	41.70
71. Koppa	..	41.72
72. Srinivasapur	..	42.41
73. Narashimarajpura	..	43.56
74. Pavagada	..	43.93
75. Sringeri.	..	44.99
Between 45 and 50 (3)		
76. Sarjapur	..	46.22
77. Bhadravathi	..	46.96
78. Hosadurga	..	48.57
Between 50 and 55 (1)		
79. Kunigal	..	54.20
Between 55 and 60 (2)		
80. Sidlaghatta	..	55.46
81. Goribidnur	..	55.91

Table 20 gives the computed birth rates in Town Municipalities. It is obvious from a consideration of the ratios that birth reporting is no-where near normal

and that a great deal of systematic spade work has got to be done to set right the reporting. The spectacle of a town like Birur having a birth rate of 9.03 per mille of population and Naikanhatti reporting a birth rate of 3.69 is absolutely unbelievable. That some of the towns like Goribidnur and Sidlaghatta report birth rates somewhat probable does not lessen the urgency of improving the reporting. Even in such Municipalities it is highly desirable to inspect and verify the reports as often as practicable.

(2) Deaths.

83,400 deaths were reported during the year and their distribution over districts in each month of the year is given below in Table 21.

Table 21. Deaths registered in the districts in each month of the year 1929.

Table 21. Deaths registered in the districts in each month of the year 1929.

District.	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Octr.	Novr.	Decr.	Total.	Ratio of death per 1,000 of population
Bangalore ..	1,339	850	753	1,033	1,093	1,154	1,307	1,551	1,430	1,572	1,540	1,592	15,214	16.78
Kolar ..	1,209	939	828	799	779	937	669	705	723	742	1,023	1,206	10,541	13.30
Tumkur ..	970	738	839	860	823	849	887	864	751	1,005	1,150	1,260	10,996	14.22
Mysore. ..	1,450	1,311	1,313	1,153	1,250	1,167	1,426	1,268	1,195	1,346	1,640	1,855	16,374	11.67
Hassan. ..	738	556	620	611	649	524	787	587	673	618	715	724	7,802	13.36
Shimoga ..	928	802	1,035	919	712	543	675	598	593	681	826	446	8,758	17.78
Kadur. ..	471	380	478	362	343	369	407	332	314	426	493	492	4,867	14.59
Chitaldrug. ..	613	544	709	698	681	545	681	601	776	948	986	1,066	8,848	15.41
Total (Mysore State)	7,718	6,120	6,575	6,435	6,330	6,088	6,839	6,506	6,455	7,320	8,373	8,641	83,400	14.23
Ratio of deaths per 1,000 in each month.	1.31	1.04	1.12	1.09	1.08	1.03	1.16	1.11	1.10	1.24	1.42	1.47	14.23	..
Corresponding ratio for previous year.	1.36	1.29	2.05	1.61	1.25	1.12	1.10	1.10	1.17	1.10	1.16	1.27	15.64	..

There is a significant decrease in the number of deaths reported as compared with the figures of the previous year in all districts except Chitaldrug where an increase is observed. The death rate per mille of population was 14.23 during the year against 15.64 in the year previous.

It may be seen in Table 21 that in the first six months of the year and in September the rates were lower and in the remaining 5 months higher than those of the previous year. The highest rate during the year was recorded for December (1.47) and the lowest in June (1.03). The corresponding rates for the previous year were 2.05 in March and 1.10 in July, August and October.

The following statement gives the death rates for the different provinces of India in the period 1922-28.

Table 22. Reported death rates in the different provinces of India and in Mysore in the period 1922 - 1928.

Province.	1922	1923	1924	1925	1926	1927	1928
Punjab. ...	22.07	30.94	43.43	30.00	36.52	27.46	24.72
Central Provinces.	29.30	30.58	32.59	27.27	34.33	31.31	33.66
Bombay. ...	23.61	25.89	27.63	23.67	28.53	25.72	27.28
Bengal. ...	25.20	25.50	25.86	24.90	24.74	...	...
Bihar & Orissa.	24.13	25.04	29.10	23.69	25.71	25.08	25.29
Assam. ...	26.90	23.54	27.30	22.52	23.02	23.47	22.16
United Provinces.	25.01	23.37	28.29	24.78	25.10	22.59	24.15
Burma ...	22.23	20.87	21.50	18.75	20.92	19.55	21.28
Madras ...	21.00	20.87	24.54	24.40	25.60	24.30	26.40
Mysore ...	14.52	19.62	21.18	17.05	14.87	11.73	15.64

As in the case of birth rates so also in the case of death rates Mysore stands very low in the Table. If this were true Mysore may easily deserve congratulations but unfortunately it is more or less well-known that reporting in Mysore State is defective, yielding such low rates.

Table 23 gives the death rates recorded in the districts during 1921-29.

Table 23. Death-rates recorded in the districts in the nine years 1921-1929.

District.	1921	1922	1923	1924	1925	1926	1927	1928	1929	Increase or decrease over 1921.
Bangalore.	16.42	19.44	16.88	16.09	15.05	12.34	12.51	17.10	16.78	+ 0.36
Kolar.	17.79	18.32	15.04	17.35	16.57	14.40	15.05	15.97	13.30	— 4.49
Tumkur.	14.48	12.74	14.38	14.73	14.64	12.09	12.31	14.58	14.22	— 0.26
Mysore.	13.13	10.68	14.47	13.64	18.02	13.23	12.78	13.98	11.67	— 1.46
Hassan.	11.62	16.25	21.57	30.36	20.33	15.04	13.13	15.64	13.36	+ 1.74
Shimoga.	13.75	15.26	19.62	23.55	20.13	24.45	21.26	19.67	17.78	+ 4.03
Kadur.	13.48	15.32	19.62	27.42	23.05	20.50	18.26	20.10	14.59	+ 1.11
Chitaldrug.	11.86	10.38	11.85	18.48	15.81	14.86	12.32	12.49	15.41	+ 3.55
Mysore State.	14.22	14.52	19.62	21.18	17.05	14.87	11.73	15.64	14.23	+ 0.01

Table 24 gives the number of deaths registered in the districts arranged according to age and sex in each case.

Table 24. Deaths registered in the Districts according to age and sex in the year 1929.

Table 24. Deaths registered in the Di
year

District.	0-1 year.		1 year to 5.		5 - 10		10-15		1
	M.	F.	M.	F.	M.	F.	M.	F.	M
Bangalore ..	1086	967	1220	1293	567	619	434	487	3
Kolar ..	881	768	805	644	331	273	201	230	2
Tumkur. ..	965	858	960	877	359	395	239	206	1
Mysore. ..	642	612	1324	1397	784	787	558	442	4
Hassan. ..	383	345	370	335	282	294	265	277	1
Shimoga ..	607	475	476	440	263	244	283	259	1
Kadur. ..	239	190	223	183	187	164	199	176	1
Chitaldrug. ..	702	624	732	658	339	284	214	235	1
Total. (Mysore State).	5505	4839	6110	5827	3112	3060	2393	2312	2
Population. ..	77962	80696	267884	287959	406512	416311	367849	337174	249
Ratio per 1000 living.	70.6	60.0	22.8	20.2	7.7	7.4	6.5	6.9	9.

stricts **according to age and sex in the**
1929.

		20-30		30-40		40-50		50-60		60 and over.	
		M.	F.	M.	F.	M.	F.	M.	F.	M.	F
74	434	722	894	702	710	611	552	609	439	1300	1144
67	234	399	532	405	400	395	323	386	302	1457	1308
19	333	358	627	367	398	329	339	362	356	1308	1141
7[illegible]	490	767	902	839	773	725	667	581	513	1600	1499
51	268	484	584	520	494	414	335	325	334	644	598
7[illegible]	387	545	688	642	535	513	352	367	321	549	436
[illegible]	228	373	413	408	351	336	172	232	200	223	170
19	331	410	598	402	383	353	268	328	254	837	677
78	3755	4058	5238	4285	5055	3676	3008	3190	2719	7918	6973
57	226446	496878	525073	437965	374208	291532	258931	199449	187056	189839	180557
	18.2	8.2	10.0	9.8	10.8	12.6	11.6	16.0	14.5	41.7	38.6

The classification shows that in all age periods the male death rates are higher than the female except in the age groups 10-15 and 15-40, that is, practically in the child bearing period for females.

10,344 infants under 1 year and 11,937 children between 1 and 5 years of age died during the year. In other words, below 5 years of age, 22,281 or 26.7 per cent of total reported deaths occurred. In the period 60 and upwards 15,891 or 17.9 per cent of all deaths occurred. The death rates were highest and lowest in the age periods 0-1 and 10-15 respectively. The death rates among males varied from 70.6 in the age period 0-1 and 22.8 in the period 1-5, to below 10 per mille in the interval 5 to 40, to 10-20 in the interval 40-60 and to 41.7 in the period 60 and over. Among females the rates varied from 60.0 in the period 0-1 and 20.2 in the period 1-5, to below 10 in the period 5-15 , to 10-20 in the period 15-60 and to 38.6 in the period 60 and upwards.

The following statement shows the age specific death rates in Mysore State.

Table 25

Specific death rates in Mysore State (1929) & Madras Presidency (1928) respectively.

Age period.	Death rates per 1000 of population in each age group.					
	Mysore State (1929)			Madras Presidency (1928)		
	M.	F.	Total.	M.	F.	Total.
Under 1 year..	70.6	60.0	65.2	195.5	172.8	184.2
1-5 ..	22.8	20.2	21.5	42.6	40.6	41.6
5-10 ..	7.7	7.4	7.5	9.5	9.2	9.4
10-15 ..	6.5	6.9	6.7	6.0	6.0	6.0
15-20 ..	9.5	12.2	10.8	8.8	12.8	6.8
20-30 ..	8.2	10.0	9.1	11.2	13.4	12.3
30-40 ..	9.8	10.8	10.3	14.2	14.1	14.1
40-50 ..	12.6	11.6	12.1	27.6	15.7	18.2
50-60 ..	16.0	14.5	15.3	30.5	25.5	28.0
60 & over. ..	41.7	38.6	40.2	78.5	76.0	77.2
All Ages. ..	14.3	14.2	14.2	27.2	25.5	26.4

Deaths registered according to communities are given in the following table.

Table 26. Deaths registered in the Districts according to communities in the year 1929.

District.	No. of deaths registered.				Ratio of deaths per 1000 of population.			
	Mohamedans.	Hindus	Other classes.	Total.	Mohamedans.	Hindus.	Other Classes.	Total
Bangalore.	1,013	13,801	400	15,214	15.78	16.82	1.78	16.77
Kolar. ..	724	8,732	1,085	10,541	12.88	12.21	51.39	13.33
Tumkur ..	358	10,537	101	10,996	9.44	14.54	9.57	14.22
Mysore ..	330	15,923	121	16,374	6.17	11.15	10.07	11.59
Hassan. ..	283	7,288	231	7,802	14.83	13.18	18.92	13.36
Shimoga...	597	7,492	669	8,758	16.62	14.34	53.63	17.77
Kadur ..	315	4,176	376	4,867	17.53	13.89	28.96	14.59
Chitaldrug.	510	6,636	1,702	8,848	16.59	12.54	120.89	17.20
Total (Mysore State)	4,130	74,585	4,685	83,400	13.09	13.77	36.34	14.23
" previous year.	4,033	74,644	3,768	82,445	12.75	13.78	29.22	14.06

The rates given in Table 26 are all low due to defective reporting and consequently it is hazardous to venture any comparisons. The remark made in respect of birth reporting apply equally to reporting of deaths as well and it is therefore unnecessary to point out that it is impossible to believe that in Mysore district the death rate was only 11.59 per mille of population.

Table 27 gives the death rates for Town Municipalities in Mysore State for the year 1929.

Table 27. Deaths rates reported in Town Municipalities in Mysore State during the year 1929.

Below 10 per mille (11)		
1. Konanur	...	3.77
2. Magadi	...	4.08
3. Shivane	...	5.94
4. Banavar	...	6.38
5. Naikanhatti	...	7.02
6. Ajjampur	...	7.22
7. Chennapatna	...	7.59
8. Dodballapur	...	7.90
9. Chickballapur	...	8.34
10. Sidlaghatta	...	9.17
11. Kankanhalli	...	9.20
12.		
Between 10 and 15 (21)		
12. Birur	...	10.93
13. Kolar	...	10.99
14. Haranhalli	...	11.05
15. Bagepalli	...	11.07
16. Shikaripur	...	11.22
17. Shiralkoppa	...	11.65
18. Turuvekere	...	11.89
19 Sagar.	...	12.23
20 Chellakere	...	12.24
21. Kadur	...	12.36
22. Tarikere	...	12.46
23 Vadigenahalli	...	12.60
24. Hassan	...	12.84
25 Sravanabelogola	...	13.00
26. Devanhalli	...	13.36
27. Malur	...	13.49
28. Chicknaikanhalli	...	13.68
29. Kotagere	...	13.86
30 Nyamati	...	14.02
31. Closepet	...	14.58
32. Nelamangala	...	14.60
Between 15 and 20 (24)		
32a. Honnali	...	15.02
33. Yelahanka	...	15.24
34. Anekal Malakalmuru	...	15.33
35. Chickmagalur	...	15.48 16.16
36. Sorab	...	16.29
37 Chennagiri	...	16.26
38. Saklespur	...	16.29
39. Tumkur	...	16.42
40. Hoskote	...	16.54
41. Alur	....	16.62
42. Thirthahalli	...	16.77
43. Gubbi	...	17.10
44. Madhugiri	...	17.11
45. Arsikere	...	17.15
46. Bowringpet	...	17.49
47. Kunigal	...	18.72
48. Mudigere	...	18.77
49. Tiptur	...	18.78
50. Kumsi	...	18.79
51. Belur	...	18.86
52. Sidlaghatta	...	18.93
53. Narasimharajpura.		19.02
54. Chintamani	...	19.15
55. Hosadurga	...	19.27
56. Sira	...	19.29
Between 20 and 25 (8)		
57. Srinivasapur	...	20.51
58. Chitaldrug	...	20.65
59. Jagaloor	...	22.48
60. Hiriyur	...	23.31
61. Shimoga	...	23.46
62. Solebile	...	23.64
63. Sringeri	...	23.85
64. Kolar Gold Field		24.83
Between 25 and 30 (9)		
65. Gudibanda	...	26.93
66. Arkalgud	...	27.14
67. Holalkere	...	28.58
68. Nagar	...	28.68
69. Sarjapur	...	28.79
70. Koppa	...	29.13
71. Hole Narsipur	...	29.34
72. Pavagada	...	29.58
73. Davangere	...	29.99
Between 30 and 35. (5)		
74. Bhadravathi	...	30.08
75. Chennarayapatna		30.90
76. Bangalore	...	32.91
77. Yelahanka	...	33.02
78. Goribidnur	...	34.73
Between 35 and 40 (1)		
79. Harihar	...	36.75

* Statistics for rural towns in Mysore district had not been reported by the end of June 1930.

(3) Infantile Mortality.

The number of infant deaths reported during the year was 10,344 out of a registered number of 1,13,918 births, giving an infantile mortality rate of 90.80. This is far too low. As stated in last year's report, the approximate rate for Mysore State is about 240 per thousand births.

The following table gives the infantile mortality rates reported in the districts during the period 1921-29

Table 28. Rates of Infantile Mortality in the Districts in the period 1921-29.

District.	1921	1922	1923	1924	1925	1926	1927	1928	1929	Increase or decrease over '21
Bangalore.	104.4	95.1	94.5	128.1	105.3	77.6	79.2	100.0	97.6	−6.8
Kolar	125.2	100.4	104.3	124.9	126.1	105.7	116.0	107.1	106.3	−18.9
Tumkur	92.4	91.1	72.7	104.1	85.3	88.9	86.5	91.6	101.9	+9.5
Mysore	54.7	51.1	58.4	77.1	62.8	47.6	46.6	78.2	57.4	+2.7
Hassan.	79.0	92.2	105.2	146.7	127.3	103.1	74.8	96.6	79.4	+0.4
Shimoga.	96.5	98.9	107.2	127.4	145.7	147.6	128.1	115.6	108.2	+11.7
Kadur	102.1	111.6	121.3	162.9	132.0	124.5	103.9	94.2	76.4	−25.7
Chitaldrug.	78.1	77.8	88.7	108.1	102.1	94.2	85.0	98.0	104.0	+24.9
Mysore State	89.6	85.9	88.1	114.5	102.9	88.1	85.0	96.8	90.8	+1.2

This table shows that the rates compared with those of 1921 are in excess in all districts except Bangalore (-6.8), Kolar (-18.9) and Kadur (-25.7) This is contrary to experience and this one discrepancy is enough to show that reporting of infant deaths in the unhealthy district of Kadur is far from accurate. The inference is obvious since the rate for the district is given as 76.4 as

against the average rate of 240 for the State. Conditions in Kolar are not perhaps so bad, as the reported rate for the year is at least 106.3. Until, however, the reporting of vital statistics is improved no purpose is served by instituting comparisons from district to district or from one Province to another.

The following table gives the number of births recorded and the number of deaths of infants with the infantile mortality rates in the period 1921-29.

Table 29. Deaths of Infants recorded in Mysore State in the period 1921-1929.

Year.	Births Recorded.	Deaths of infants under one year.	Rate per 1000 registered Births.	Infant Mortality rates in Madras Presidency.
1921	96,428	8,640	89.6	160.9
1922 ..	104,948	9,020	89.94	166.4
1923 ..	105,854	9,321	88.05	173.7
1924 ..	105,816	12,118	114.51	179.2
1925 ..	100,582	10,354	102.94	180.9
1926 ..	120,302	10,602	88.12	189.5
1927 ..	108,663	9,253	85.15	175.4
1928 ..	107,355	10,395	96.54	184.2
1929 ..	113,918	10,344	90.80	

The rates are very low showing the obviously defective registration of deaths of infants under one year of age. The rates for the Madras Presidency given in Table 29 show that the registration of infant deaths is at least more accurate there than in Mysore State.

(4) General History of Chief Diseases.

The following statement shows the number of deaths registered under the chief diseases in the year under report.

Diseases.	No.of Deaths in 1929.	Percentage of Total.
Plague ...	8,646 ..	10.3
Smallpox ...	7,589 ..	9.1
Cholera ...	140 ..	0.2
Fevers. ...	33,653 ..	40.4
Dysentery & Diarrhoea ...	2,790 ..	3.3
Respiratory Diseases. ...	2,239 ..	2.7
Injuries ...	1,225 ..	1.5
Other causes ...	27,118 ..	32.5
T o t a l ...	83,400 ..	100.0

District-war details of the number of deaths reported under each important cause of death are given in Table 30 and a statement of the number of deaths registered and the death rates computed under each cause of death in the several Town Municipalities is given in Table 31.

Table 30. Deaths reported from Plague, Smallpox, Cholera and from other chief Causes of death during the year 1929.

Districts including cities.	Epidemic Diseases.			Fevers.	Dysentry & Diarrhoea.	Respiratory Diseases.	Injuries.					All other causes.	Total.
	Plague	Smallpox.	Cholera.				Suicide		Wound or accident.	Snakebite or killed by wild beasts.	Total		
							M.	F.					
Bangalore ..	3,004	1,512	27	3,778	675	850	22	22	160	20	224	5,144	15,214
Kolar ..	766	712	39	4,080	384	277	7	11	181	28	227	4,056	10,541
Tumkur ..	643	1,273	1	4,282	272	344	18	13	90	22	143	4,038	10,996
Mysore ..	1,446	2,724	52	6,226	588	266	17	22	159	46	244	4,828	16,374
Hassan. ..	1,080	438	-	4,147	75	74	5	1	94	11	111	1,877	7,802
Shimoga ..	301	223	2	3,945	442	222	14	8	96	21	139	3,484	8,758
Kadur ..	319	71	17	3,014	142	9	11	3	28	2	44	1,251	4,867
Chitaldrug ..	1,087	636	2	4,181	212	197	13	16	50	14	93	2,440	8,848
Total. ..	8,646	7,589	140	33,653	2,790	2,239	107	96	858	164	1,225	27,118	83,400
Bangalore City ..	78	36	-	589	277	620	-	-	46	1	47	2,855	3,902
Mysore City ..	77	2	-	232	125	77	-	-	-	-	--	2,075	2,588
Kolar Gold Field...	..	51	-	133	162	166	2	1	118	1	122	1,544	2,178

Plague.

Plague prevailed all over the State in the year under report. 11,037 attacks and 8,646 deaths were reported as per monthly returns. 5,176 attacks and 3,183 deaths were reported as per daily returns. Table 32 exhibits the variations in the two sets of reports in each month.

The discrepancies between the compilations made as per daily reports and those in respect of the monthly returns received from the Presidents of District Boards are obviously due to the daily reports being more inaccurate and incomplete It is recently noticed that daily returns from the Districts are being very irregularly sent to this office. It is hoped that the District Boards will soon recognize the importance of accuracy and promptness of despatch of vital statistics returns.

The severity of plague as determined by the fatality rates varied in the districts as follows:-

District.	No. of deaths per 100 attacks
Chitaldrug. ..	70
Tumkur ..	66
Bangalore ..	64
Kadur ..	64
Mysore ..	58
Kolar ..	53
Hassan. ..	49
Shimoga ..	46
Mysore State. ..	62

In other words the fatality rates, according to the reported figures, were never smaller than 40 (and in one district as much as 70), the average for the State as a whole being 62%.

Appendix A gives a list of places in Mysore State affected with plague, with details of attacks and deaths for each month, as reported by the Presidents of District Boards in their daily returns.

The Taluk-war distribution of attacks and deaths by months is given in Table 33.

Table 32. Deaths registered from Plague in the districts in each month of the year 1929.

District.	Returns	Jany.		Feby.		March.		April		May		June		July		August		Septr.		Octr.		Novr.		Decr.		Total.	
		A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D
Bangalore.	(Daily.	102	67	78	53	74	51	23	10	29	23	56	35	124	80	146	92	60	32	87	52	66	41	46	33	891	568
	(Monthly.	215	198	182	133	138	116	38	28	102	74	184	165	301	281	501	436	486	438	507	430	512	400	409	305	3575	3004
Kolar.	(Daily	52	34	53	33	55	30	25	11	10	5	9	4	56	35	17	13	59	22	54	20	42	28	59	46	491	271
	(Monthly.	160	119	112	83	86	64	44	33	39	26	62	43	76	46	56	36	89	51	99	78	113	92	127	95	1063	766
Tumkur.	(Daily	52	34	24	20	55	38	4	3	7	3	30	22	49	18	90	59	84	58	54	32	116	80	64	50	629	417
	(Monthly.	74	43	25	17	74	35	6	3	-	-	44	23	34	28	87	69	86	66	109	89	199	160	145	110	883	643
Mysore.	(Daily	210	132	193	124	76	51	50	10	53	36	23	18	87	50	87	45	116	72	71	46	103	64	62	24	1131	672
	(Monthly.	156	116	162	120	153	118	192	155	101	77	81	60	109	98	144	118	172	133	137	119	187	160	192	172	1786	1446
Hassan.	(Daily	40	23	13	8	9	7	2	1	17	13	48	21	68	30	82	40	43	15	2	1	9	4	2	1	335	164
	(Monthly.	92	63	74	44	102	52	31	17	86	59	74	55	172	156	186	152	164	135	144	122	123	103	164	122	1412	1080
Shimoga.	(Daily	4	2	6	2	58	11	5	1	2	1	..	..	11	7	16	10	71	24	28	12	141	69	91	60	433	199
	(Monthly.	8	3	12	5	19	13	1	1	-	-	18	9	18	13	24	16	29	19	58	32	168	137	101	53	456	301
Kadur.	(Daily	35	20	10	9	12	7	..	..	..	..	..	..	49	40	44	30	11	9	14	7	57	32	53	29	285	185
	(Monthly.	27	18	10	5	8	6	1	..	..	..	4	3	62	42	56	35	15	9	72	50	119	93	98	58	472	319
Chitaldrug.	(Daily	7	7	..	..	9	4	1	1	2	1	..	..	19	14	54	44	257	175	395	279	145	128	92	56	981	709
	(Monthly.	21	11	3	1	8	4	6	3	6	4	..	..	17	9	71	45	342	200	321	299	278	229	317	282	1390	1087
Total (Mysore State)	(Daily.	502	319	377	249	348	199	110	37	120	82	166	100	453	274	536	332	701	407	705	449	679	446	469	299	5176	3183
	(Monthly.	753	571	580	408	588	408	319	240	334	240	467	358	789	673	1125	907	1383	1051	1447	1219	1699	1374	1553	1197	11037	8646

Table 33. Distribution of attacks and deaths from plague in the different Taluks in each month of the year 1929.

Taluk.	Jany.		Feby.		March		April		May		June		July		Aug.		Septr.		Octr.		Novr.		Decr.		Total	
	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.
BANGALORE DISTRICT:																										
Bangalore. ..	18	17	11	7	4	2	5	1	2	2	3	1	4	2	10	2	5	3	42	24	20	15	11	10	135	86
Hosakote ..	..	..	19	15	19	14	8	2	5	5	..	..	2	2	11	7	23	18	15	6	9	8	18	7	129	84
Dodballapur. .	16	11	8	3	9	7	2	2	..	..	4	3	29	15	26	10	9	2	..	..	5	0	10	7	118	60
Nelamangala ..	30	21	22	14	12	8	2	2	19	15	47	31	61	37	90	57	10	3	9	9	22	11	2	4	326	212
Magadi ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	7	7	..	..	..	..	..	..	7	7
Anekal ..	34	16-	18	14	27	18	5	2	2	0	..	..	..	..	2	1	..	..	20	12	7	5	2	2	117	70
Devanhalli ..	4	2	..	..	3	2	1	1	1	1	..	..	22	18	3	3	6	6	1	1	..	..	3	3	44	37
Closepet ..	..	..	..	..	..	..	..	..	..	..	2	..	6	6	4	4	..	..	..	..	3	2	..	..	15	12
Total.	102	67	78	53	74	51	23	10	29	23	56	35	124	80	146	91	60	32	87	52	66	1	46	33	891	568
KOLAR DISTRICT:																										
Kolar. ..	..	..	1	1	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	2
Bowringpet ..	..	..	..	..	1	0	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	0
Malur ..	9	1	7	5	15	7	11	4	3	1	4	1	30	16	3	2	9	4	10	7	22	11	33	25	156	84
Chintamani ..	..	..	..	..	..	..	..	..	...	..	..	..	11	8	..	..	3	1	..	..	4	3	5	3	23	15
Mulbagal ..	..	..	8	8	8	7	..	..	..	..	..	..	6	7	..	..	..	..	..	..	..	..	2	4	24	26
Chickballapur..	16	18	20	11	17	7	..	..	2	0	5	3	6	2	2	1	9	2	17	6	..	3	11	7	105	50
Goribidnur ..	27	15	10	7	0	1	5	3	1	0	..	..	..	..	..	..	15	3	23	7	15	11	3	2	99	49
Srinivasapur ..	..	..	2	0	8	6	9	4	4	4	..	..	1	1	12	10	2	1	..	..	1	0	..	..	39	26
Gudibanda ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	0	2	0
Total.	52	34	53	33	55	30	25	11	10	5	9	4	56	35	17	13	59	22	54	20	42	28	59	46	491	271
TUMKUR DISTRICT:																										
Tumkur. ..	39	26	19	15	27	21	0	1	1	0	26	19	46	16	71	45	69	45	35	21	86	56	47	38	466	304
Madhugiri ..	..	..	..	..	20	13	..	..	2	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	22	14
Gubbi ..	9	6	5	5	5	3	4	2	..	..	4	3	3	2	12	9	9	9	..	1	10	10	12	9	73	59
Tiptur ..	..	..	..	..	..	..	..	..	4	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4	2
Kunigal ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	12	9	..	..	12	9

Taluk.	Jany.		Feby.		March.		April.		May		June.		July		Aug.		Septr.		Octr.		Novr.		Decr.		Total.	
	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.
TUMKUR DIST.(Contd)																										
Kortagere ..	..	..	..	..	3	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	1
Turuvekere ..	4	2	..	..	..	..	..	..	..	..	..	..	..	..	7	5	6	4	19	10	8	5	5	3	49	29
Total.	52	34	24	20	55	38	4	3	7	3	30	22	49	18	90	59	84	58	54	32	116	80	64	50	629	418
MYSORE DISTRICT:																										
Mysore ..	57	34	18	15	16	15	38	5	..	..	3	3	9	6	31	17	27	21	11	6	13	10	10	9	233	141
Seringapatam ..	13	10	21	9	..	7	..	..	..	..	..	..	16	11	..	..	23	11	12	8	5	5	21	8	111	69
Chamarajanagar.	28	13	3	1	10	1	3	1	..	..	..	..	..	..	8	3	3	2	..	..	38	19	2	1	95	41
Hunsur. ..	14	13	90	63	5	2	..	..	7	4	..	..	10	7	5	5	3	0	..	..	..	..	..	..	134	94
Yedatore ..	24	12	5	1	4	3	4	1	9	3	3	2	8	2	20	7	22	13	16	10	5	2	10	1	130	57
Heggadadevankote.	2	1	..	..	10	5	5	3	2	2	..	..	29	11	9	5	28	19	25	18	13	9	4	1	137	74
Gundlupet ..	28	16	13	14	..	..	..	..	10	7	9	5	15	13	2	1	3	3	..	..	..	..	..	..	80	59
Nanjangud. ..	15	11	14	6	20	13	..	..	6	1	..	..	..	..	12	7	7	3	..	..	6	3	13	4	93	48
T. Narsipur ..	9	4	3	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	7	4	14	8	..	..	33	17
Malvalli Taluk.	2	2	..	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	6	6	..	..	9	9
Periyapatna ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	0	2	0
Mandya ..	14	10	8	2	7	3	..	..	..	..	3	3	..	..	..	..	..	..	..	..	..	..	..	..	32	8
Krishnarajpet..	4	6	18	12	3	1	..	..	19	19	5	5	..	..	..	..	..	..	..	..	3	2	..	..	52	45
Total .	210	132	193	124	76	51	50	10	53	36	23	18	87	50	87	45	116	72	71	46	103	64	62	24	1131	672
SHIMOGA DISTRICT:																										
Shimoga ..	4	2	6	2	24	6	3	0	1	1	..	..	3	4	5	1	2	2	9	4	6	5	3	0	66	27
Ghannagiri ..	..	..	..	..	5	3	2	1	..	..	..	..	8	3	3	1	63	20	4	3	100	43	51	35	236	109
Sagar ..	..	..	..	..	1	0	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.1	0
Nagar ..	..	..	..	..	..	..	..	..	1	0	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	0
Tirthahalli ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	2	..	..	2	2
Honnali ..	..	..	..	..	28	2	..	..	..	..	..	..	..	..	8	8	6	2	15	5	33	19	37	25	127	611
Total.	4	2	6	2	58	11	5	1	2	1	..	..	11	7	16	10	71	24	28	12	141	69	91	60	433	199

Taluk.	Jany.		Feby.		March		April		May		June.		July		Aug.		Septr.		Octr		Novr.		Decr		Total.	
	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.
KADUR DISTRICT:																										
Chickmagalur.	6	5	2	2	2	1	..	..	..	..	..	..	19	19	7	6	3	3	1	1	21	13	26	19	87	69
Kadur. ..	5	3	5	4	..	..	..	..	..	..	..	..	16	13	23	18	1	0	1	1	11	9	14	4	76	52
Tarikere ..	24	12	3	3	7	5	..	..	..	..	..	..	14	8	14	6	7	6	12	5	25	10	13	6	119	61
Narasimharajpur.	..	..	..	..	3	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total ..	35	20	10	9	12	7	..	..	..	..	..	..	49	40	44	30	11	9	14	7	57	32	53	29	285	183
CHITALDRUG DISTRICT:																										
Chitaldrug. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	0	4	3	3	2	7	3	15	8
Holalkere ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	52	38	23	24	5	4	7	4	87	70
Davangere ..	..	..	..	..	..	..	1	1	1	0	..	..	..	..	10	5	97	67	279	186	76	72	1	2	465	333
Molakalmuru ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	2	..	..	3	2
Jagalur . ..	7	7	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	9	2	22	19	35	22	73	50
Harihar (Sub.).	..	..	..	..	9	4	..	..	1	1	..	..	19	14	44	39	107	70	80	64	36	29	42	25	338	246
Total...	7	7	..	..	9	4	1	1	2	1	..	..	19	14	54	44	257	175	395	279	145	128	92	56	981	709
HASSAN DISTRICT:																										
Hassan ..	4	3	3	1	5	4	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	0	..	..	13	8
Manjarabad. ..	..	..	3	2	1	1	..	..	1	1	..	..	..	..	3	1	..	..	..	..	..	..	..	..	8	5
Arkalgud ..	2	0	..	..	3	1	2	1	1	1	10	5	13	5	13	11	5	3	..	..	..	..	..	..	119	27
Belur ..	1	2	..	..	..	..	..	..	11	9	5	5	6	1	26	11	27	5	1	0	2	1	..	..	79	34
Channarayapatna.	..	..	..	..	..	..	..	..	4	2	26	10	20	6	21	5	6	1	1	1	..	..	1	1	79	26
Arsikere ..	24	15	3	2	..	..	..	..	..	..	..	..	..	..	.5	3	..	..	..	..	..	..	..	..	32	20
Holenarsipur ..	9	3	1	1	..	..	..	..	..	..	7	1	19	10	11	7	5	6	..	..	6	3	1	0	59	31
Alur (Sub.) ..	..	..	3	2	0	1	..	..	..	..	..	..	10	8	3	2	..	..	..	..	..	..	..	..	16	13
Total.	40	23	13	8	9	7	2	1	17	13	48	21	68	30	82	40	43	15	2	1	9	4	2	1	335	164
Total(Mysore State)	502	319	377	249	348	199	110	37	120	82	166	100	453	274	536	332	701	407	705	449	679	446	469	299	5176	3183

The Taluks severely affected were:-

		Attacks.	Deaths.
BANGALORE DISTRICT:	Nelamangala Taluk.	326	212
TUMKUR DISTRICT:	Tumkur Taluk.	467	303
CHITALDRUG DISTRICT:	Davangere Taluk.	476	333
	Harihar Sub-Taluk.	339	244

The following is a list of places severely affected with plague.

List of villages and towns severely affected with plague.

	Attacks.	Deaths.
SHIMOGA DISTRICT.		
Honnali Taluk.	~~27~~	~~10~~
Honnali.	27	18
Soratur	17	10
KADUR DISTRICT		
Chickmaglur Taluk.		
Chickmaglur.	36	24
Kalasapur	16	19
Kadur Taluk:		
Hulikere ..	39	31
Tarikere Taluk:		
Nualakere ..	17	10
CHITALDRUG DIST.		
Holalkere Taluk:		
Holalkere ..	62	40
Mallanahalli ..	12	11
Davangere Taluk:		
Davangere ..	314	225
Avargere ..	30	13
Bettur ..	28	20
Mayakonda ..	15	10
Jagalur Taluk:		
Holekal ..	12	16

	Attacks	Deaths
CHITALDRUG DIST: (Contd.)		
Harihar Sub-Taluk:		
Harihar.	170	137
Amaravati	17	16
Dalohole	24	12
Anagavadi	30	17
Molebennur	28	20
BANGALORE DIST.		
Bangalore Taluk:		
Bangalore City.	103	70
Hosakote Taluk:		
Khaji Somenahalli.	16	11
Doddanahalli	12	12
Dodballapur Taluk:		
Dodballapur.	20	10
Arehalli-guddahalli	20	13
Nelamangala Taluk:		
Tyamagondlu Town.	77	54
Alur	20	11
Manne	32	27
Oblapura	53	27
Burganahalli	13	12

	Attacks.	Deaths.
Anekal Taluk:		
Dommasandra ..	47	30
Anekal Town. ..	24	11
Sarjapur ..	16	11
Devanhalli Taluk:		
Aradeshahalli ..	11	11
KOLAR DISTRICT:		
Malur Taluk:		
Mashi ..	25	20
Mulbagal Taluk:		
Tayalur ..	12	12
Goribidnur Taluk:		
Goribidnur Town ..	19	12
TUMKUR DISTRICT:		
Tumkur Taluk:		
Tumkur Town. ..	86	53
Kumchangi ..	34	23
Haraloor ..	33	22
Chickkahalli ..	21	15
Uradagere ..	30	19
Hebballe ..	23	16
Madhugiri Taluk:		
Sravanahatti ..	22	14
Gubbi Taluk:		
Madenahalli ..	10	10
Gubbi Town. ..	23	19
MYSORE DISTRICT:		
Mysore Taluk:		
Mysore City ..	89	75
Dura ..	23	15
Huykal ..	10	12
Kyathamanahalli ..	25	14
Chamarajanagar Taluk:		
Kothalvadi ..	39	16
Yanagahalli ..	37	18
Seringapatam Taluk:		
French Rocks ..	39	20
Hunsur Taluk:		
Hunsur ..	40	30
Bannikuppe ..	58	43

	Attacks.	Deaths.
MYSORE DISTRICT:		
Yedatore Taluk:		
Saligrama ..	37	13
Hanasoge ..	28	12
Byadarahalli ..	31	19
Heggadadevankote Taluk:		
Chikkahalli ..	27	11
Saragur ..	50	30
Gundlupet Taluk:		
Samanapura ..	14	14
Gundlupet ..	29	19
Nanjangud Taluk:		
Nanjangud ..	16	12
Krishnarajpet Taluk:		
Sindaghatta ..	27	25
HASSAN DISTRICT:		
Arkalgud Taluk:		
Arakalgud ..	46	26
Belur Taluk:		
Belur ..	21	14
Halebeed ..	47	11
Channarayapatna Taluk:		
Channarayapatna.	77	24
Arsikere Taluk:		
Arsikere ..	27	17
Holenarsipur Taluk:		
Holenarsipur ..	55	27
HASSAN DISTRICT:		
Alur Taluk:		
Kenchanahalli	13	10
SHIMOGA DISTRICT:		
Channagiri Taluk:		
Nallur ..	36	15
Lingadhalli ..	62	20
Kattalagere ..	32	17
Thyavanagere ..	41	26
Gullihalli ..	15	10

Efforts were made throughout the year to check the progress of plague in all the places affected. A total of 224,300 anti-plague inoculations were performed; the month-war and district-war details are given in Table 34.

Table 34. Number of Anti-plague Inoculations done in the districts in each month of the year 1929.

District.	January.	February.	March.	April	May	June	July	August	September	October.	November.	December.	Total.
Bangalore.*	..	..	..	..	..	..	..	..	..	..	..	..	82,425
Kolar ..	3,260	8,081	2,045	2,671	568	238	2,446	2,099	2,112	3,850	3,000	1,560	31,930
Tumkur ..	1,073	380	202	26	..	1,040	1,586	894	1,900	8,130	2,000	1,464	18,695
Mysore ..	1,116	3,273	2,021	998	1,391	995	1,378	2,527	1,374	2,196	3,000	1,160	21,429
Hassan. ..	1,156	894	989	375	16	1,612	2,007	1,192	1,680	4,603	2,302	1,330	18,106
Shimoga ..	1,072	762	237	1,926	..	1,230	1,043	690	1,906	1,276	2,070	1,899	14,111
Kadur ..	130	404	338	..	..	..	64	1,938	2,638	1,276	2,073	1,224	10,085
Chitaldrug.	192	2,863	3,062	..	..	104	405	1,992	876	9,321	7,109	1,595	27,519
Total(Mysore State).	7,999	16,657	8,894	5,946	1,975	5,219	8,929	11,332	12,486	30,652	21,554	10,232	2,24,300

Monthly figures not supplied.

Small-Pox.

As per monthly returns, 7,589 deaths from smallpox were reported during the year, as against 4,571 in the previous year.

Table 35 exhibits the distribution of deaths over the districts in each month as per monthly returns, whilst Table 36 gives the attacks and deaths according to daily reports. The discrepancy that was noticed in the case of plague is even more pronounced in this case.

As per monthly reports October appears to be the month of low and July that of high incidence of smallpox. Among the districts Mysore is the worst affected the death rate being 1.94 per mille of population. The disease was least in Kadur district where the rate was 0.21 per mille. The mean ratios for the last five years also show that Kadur district as per reported figures has been least affected. As to how far this is true only a detailed investigation will show.

Table 35. Deaths registered from Smallpox in each month of the year 1929.

District.	Jany.	Feby.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Octr.	Novr.	Decr.	Total.			Ratio of Deaths per 1,000 of population.			Mean Ratio per 1000 of previous 5 years.
													Male	Fe-male.	Total	Male	Fe-male.	Total	
Bangalore ...	89	140	113	149	130	190	169	220	87	102	60	63	747	765	1,512	1.61	1.72	1.66	0.68
Kolar ...	43	26	20	35	30	49	70	80	82	77	93	107	354	358	712	.92	.92	.89	0.77
Tumkur ...	88	100	152	184	..	..	162	170	113	84	95	126	625	648	1,273	1.58	1.72	1.64	0.65
Mysore ...	317	317	308	273	264	285	244	165	139	82	175	155	1,459	1,265	2,724	2.08	1.80	1.94	0.92
Hassan. ...	29	25	21	53	58	39	41	35	39	36	40	22	211	227	438	72	.77	.75	0.55
Shimoga. ...	18	23	18	23	25	8	15	13	8	23	10	39	102	121	223	.39	.51	.45	0.26
Kadur. ...	2	2	4	1	1	1	..	..	..	15	13	32	45	76	71	.25	.16	.21	0.02
Chitaldrug ...	23	31	57	69	64	63	73	64	34	30	66	52	323	313	636	1.09	1.12	1.10	0.84
Total (Mysore State)	619	664	693	787	572	635	774	747	502	449	552	595	3,866	3,723	7,589	1.22	1.29	1.29	0.68

Table 36. Deaths registered from Smallpox in the districts in each month of the year 1929.

District.	Jany.		Feby.		March.		April		May.		June.		July.		August.		Septr.		Octr.		Novr.		Decr.		Total.	
	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.
Bangalore ..	11	2	13	4	19	2	26	11	26	6	6	4	10	5	3	2	11	10	1	0	..	..	..	..	126	46
Kolar ..	50	14	26	12	57	18	19	8	78	26	45	18	7	1	2	1	14	4	4	1	7	0	6	0	315	103
Tumkur ..	14	5	4	0	2	1	10	1	7	3	3	0	..	..	..	..	..	..	..	..	2	1	..	..	42	11
Mysore ..	14	4	3	3	20	8	11	6	12	3	..	..	..	..	20	4	..	..	3	3	..	..	15	2	98	33
Hassan. ..	..	..	..	..	12	3	9	0	6	0	8	0	6	2	7	1	..	..	10	1	17	8	7	0	82	15
Shimoga ..	64	4	7	2	41	9	41	7	34	5	9	..	5	1	32	5	7	..	21	13	17	5	132	39	410	91
Kadur ..	..	..	3	2	18	3	7	1	9	1	4	1	2	0	..	..	..	..	..	..	..	..	.3	2	46	10
Chitaldrug...	..	..	24	2	..	..	7	0	1	0	..	..	..	..	..	..	..	..	12	0	..	..	..	..	44	2
Total(Mysore State)	153	29	80	25	169	44	130	34	173	44	73	23	30	9	64	13	32	14	51	18	43	14	163	43	1163	311

Table 36 shows that as per daily reports smallpox was confined practically to one or two districts, the comparatively worst affected districts being Kolar and Shimoga. There were reported during the year 1,163 attacks and 311 deaths, of which 410 attacks and 91 deaths occurred in Shimoga district, and 315 attacks and 103 deaths in Kolar district. Appendix B which gives a list of places affected with smallpox shows that in Bangalore district, the Bangalore taluk, in Kolar District, the Kolar Taluk, and in Shimoga district, the Shimoga Taluk returned the bulk of the figures for the respective districts. In Shimoga District, Shimoga and Honnali Taluks were severely affected, the former reporting 249 attacks and 65 deaths the latter 96 attacks and 16 deaths. In Shimoga Taluk also Shimoga Town was heavily infected towards the end of the year and accounted for 167 attacks and 57 deaths.

The severity of the disease as determined by the fatality rate varied in the districts as follows:-

District.	No.of deaths per 100 attacks.
Mysore ...	32.7
Bangalore ...	36.5
Kolar ...	32.7
Tumkur ...	26.2
Shimoga ...	22.2
Kadur ...	21.7
Hassan ...	18.3
Chitaldrug. ...	4.5
Mysore State. ...	26.7

The following is a list of places severely affected with smallpox.

List of villages and towns sev er ely affected with Smallpox.

		Attacks.	Deaths
BANGALORE DISTRICT:			
Bangalore Taluk:			
Bangalore City.	...	107	32
KOLAR DISTRICT:			
Bowringpet Taluk:			
Kolar Gold Field.	...	140	36
Malur Taluk:			
Kudianur	...	27	20
Malur	...	46	21
MYSORE DISTRICT:			
Mysore Taluk:			
Mallahalli	...	16	10
SHIMOGA DISTRICT:			
Shimoga Taluk:			
Shimoga Town.	...	167	57

59

Among Cities Kolar Gold Field reported attacks throughout the year the total rep orted being 140 with 36 deaths. Bangalore City returned 107 attacks and 32 deaths. Only 19 attacks and 8 deaths were reported

for Mysore City.

From the reported figures of attacks and deaths (viz. 1,163 attacks and 311 deaths) it may be inferred that smallpox was not severe in the year under report. The subsequent monthly reports giving a total of 7,589 deaths show that the disease was at least more severe during the year than in the year previous. We know definitely that reporting of smallpox is very defective and the inspecting Health Officers say that in some villages no report of smallpox was made where 50 to 60 deaths and many more attacks had occurred. Hence it is evident that the Spot Map of smallpox (Appendix merely indicates the existence of the disease in the different parts of the State without showing the exact incidence or morbidity of smallpox.

So far as preventive measures are concerned the following statement about vaccination may be made.

Vaccination.

As in previous years the control of the vaccination staff was exercised by the Presidents of District Boards. The number of vaccinators employed throughout the year was 155, the number separately employed in cities and certain municipal towns (called special areas in previous reports) being 27.

Particulars of vaccination are given below in

Table 37. Statement shewing the particular

District.	Population.	Average Number of vaccinators employed throughout the year.	Number of persons vaccinated.			Average No. of persons vaccinated by each vaccinator.	Primary Vacc:		
			Males	Females.	Total.		Total.	Success: Under one year.	Over one & under six years
Bangalore ...	776533	23	18933	14664	33597	1461	32040	7252	16934
Kolar ..	668804	16	9853	9345	19198	1199	18333	3908	10417
Mysore ...	1319368	26	18221	14583	32804	1261	30937	8240	12569
Tumkur ...	773122	20	14928	13321	28249	1412	26620	2677	15272
Hassan. ...	575864	19	8798	6411	15209	800	14794	1543	8294
Shimoga. ...	492560	20	10361	7130	17491	8704	17002	1820	7540
Kadur. ...	325680	18	5649	3147	8796	489	7799	1518	5168
Chitaldrug. ...	574179	13	6179	5123	11302	869	11049	2345	5558
T o t a l ...	5506110	155	92922	73724	166646	1075	158574	29303	81752
Bangalore City.	118556	8	6384	3437	9821	1227	7300	4641	1629
Mysore City. ..	83951	4	1755	1188	2943	735	2421	1432	312
Kolar Gold Field.	87682	8	9628	10958	20586	2573	4306	2741	687
Chennapatna Town.	11846	1	325	192	517	517	442	173	64
Bowringpet. "	5893	1	204	176	380	380	351	233	60
Kolar "	13368	1	359	389	748	748	675	204	278
Chintamani "	6161	1	231	220	451	451	400	165	127
Chickballapur "	10431	1	437	336	773	773	655	212	302
Hassan "	8096	1	198	140	338	338	228	91	68
Tarikere "	7858	1	160	60	220	220	207	42	112
T o t a l ...	353842	27	19681	17096	36777	1362	16985	9934	3619
Total (Mysore State)	5859952	182	112603	90820	203423	1117	175559	39237	85371

Vaccination done during the year 1929.

Re-Vaccination.				Percentage of successful cases excluding unknown.		Persons successfully vaccinated per 1000 of population.	Percentage of unknown cases to total cases.		Average Annual No. of persons successfully vaccinated during previous five years.		Average Annual No. of deaths from Small-pox during previous five years.	
Unknown	Total.	Successful.	Unknown	Primary.	Re-vaccination.		Primary.	Re-Vaccination.	Number.	Ratio per 1,000 of population.	Number.	Ratio per 1,000 of population.
751	1557	267	251	83.88	20.52	38.39	5.46	16.12	17025	21.70	593	0.82
260	865	151	73	90.17	19.06	27 21	5.23	8.43	10673	18.42	584	0.90
1368	1867	112	54	82.17	6.17	18.19	6.36	2.89	21012	15.88	1075	0.87
1045	1629	197	1432	82.74	100.00	26.98	6.18	87.90	9578	13.42	474	0.66
266	415	148	4	87.93	36.00	21.67	5.17	0.96	9827	17.17	271	0.50
379	489	49	153	85.11	14.58	25.37	13.93	31.28	9394	18.97	119	0.26
829	997	218	142	87.06	25.49	20.78	4.21	14.24	6039	19.41	6	0.01
334	253	52	15	79.74	21.84	14.55	5.73	5.92	7627	11.16	435	0.87
6332	8072	1194	2124	84.47	20.73	22.96	6.45	26.31	91175	16.56	3575	0.64
157	2521	1173	416	95.24	55.72	75.71	2.51	16.06	5803	43.26	27	0.22
389	522	60	298	84.38	26.78	22.14	11.93	57.08	3960	37.63	145	1.73
139	16280	7991	564	85.48	50.84	131.76	3.22	3.46	3395	90.95	13	0.14
103	75	..	25	71.68	..	20.50	23.30	33.33	377	32.06	20	1.58
3	29	4	..	87.46	13.79	51.65	2.28	..	282	50.65	1	0.20
42	73	3	..	78.19	4.10	36.50	6.22	..	360	22.26	2	0.30
19	51	11	2	78.72	22.45	50.47	4.75	3.92	441	72.96	2	0.38
5	118	101	..	89.57	90.67	66.24	0.45	..	579	55.94	4	0.06
28	110	1	32	80.50	8.87	70.76	12.28	29.09	265	27.18	2	0.34
6	13	3	2	96.51	65.00	21.23	2.89	15.38	360	48.13	..	..
794	19792	9359	1339	18.19	50.71	67.26	4.66	6.76	15821	46.08	216	0.61
3126	27864	10553	3463	84.93	43.24	25.64	6.33	12.42	106996	18.34	3791	0.65

The number of vaccinations performed during the year totalled 2,03,423 as compared with 1,99,524 in 1928 and 1,24,779 in 1927. Of these, 1,66,646 were done in rural and urban areas and 36,777 in the special areas shown in Table 37. Among 2,03,423 persons vaccinated, 1,12,603 were male and 90,820 female.

One lakh fifty-eight thousand five hundred and seventy-four vaccinations (1,58,574) in the districts and 16,985 in the special areas were primary, while 8,072 in the districts and 19,792 in the special areas were re-vaccinations. The number of primary vaccinations exceeded the number done last year by 12,620.

The number of vaccinations done was in excess of the corresponding figures of last year in all districts except Mysore where there was a decrease of 11,204. It is reported that this decline was due to insufficient supply of vaccine lymph during the months of May and June 1929, and to slackness in respect of vaccination work by the vaccinators of some of the taluks. The former explanation is not justified while there is a great deal of truth in the latter.

Among the Adi-karnatakas the number of vaccinations performed was 15,374 distributed as follows:-

Vaccinations among Adi-karnatakas.

District.	...	Number vaccinated.
Bangalore	...	5,083
Kolar	...	2,149
Tumkur	...	2,140
Mysore	...	4,174
Hassan	...	1,828
Shimoga	...	Unknown
Kadur	...	"
Chitaldrug	...	"
Total (Mysore State).		15,374

During the year the average number of cases vaccinated by each vaccinator was 1,117 as against 1,153 in the previous year.

Table 38. Showing the number of persons primarily vaccinated and the number of those who were successfully vaccinated in each of the undermentioned calendar years.

Year.	Government.		Municipal.		Dispensary.		Total.	
	No. vaccinated.	No. successfully vaccinated.	No. vaccinated.	No. successfully vaccinated.	No. vaccinated.	No. successfully vaccinated.	No. vaccinated.	No. successfully vaccinated.
1919	108946	88154	19656	16879	14034	1198	142630	116131
1920	101124	86986	13997	11595	9108	6647	124029	105228
1921	95759	82860	15472	12814	5927	4864	117168	100358
1922	83432	74575	16713	14779	5261	4662	105506	94016
1923.	115462	105763	17936	15167	5521	4804	138919	126834
1924.	108305	105429	21533	14811	5263	4509	135101	124749
1925.	120350	102975	20649	17464	4690	4056	145689	124497
1926.	93578	70181	30604	17817	2834	2478	127016	90476
1927.	89781	70673	20128	16694	3784	3259	113693	90626
1928.	138737	103974	24192	18599	5325	4392	168254	126965

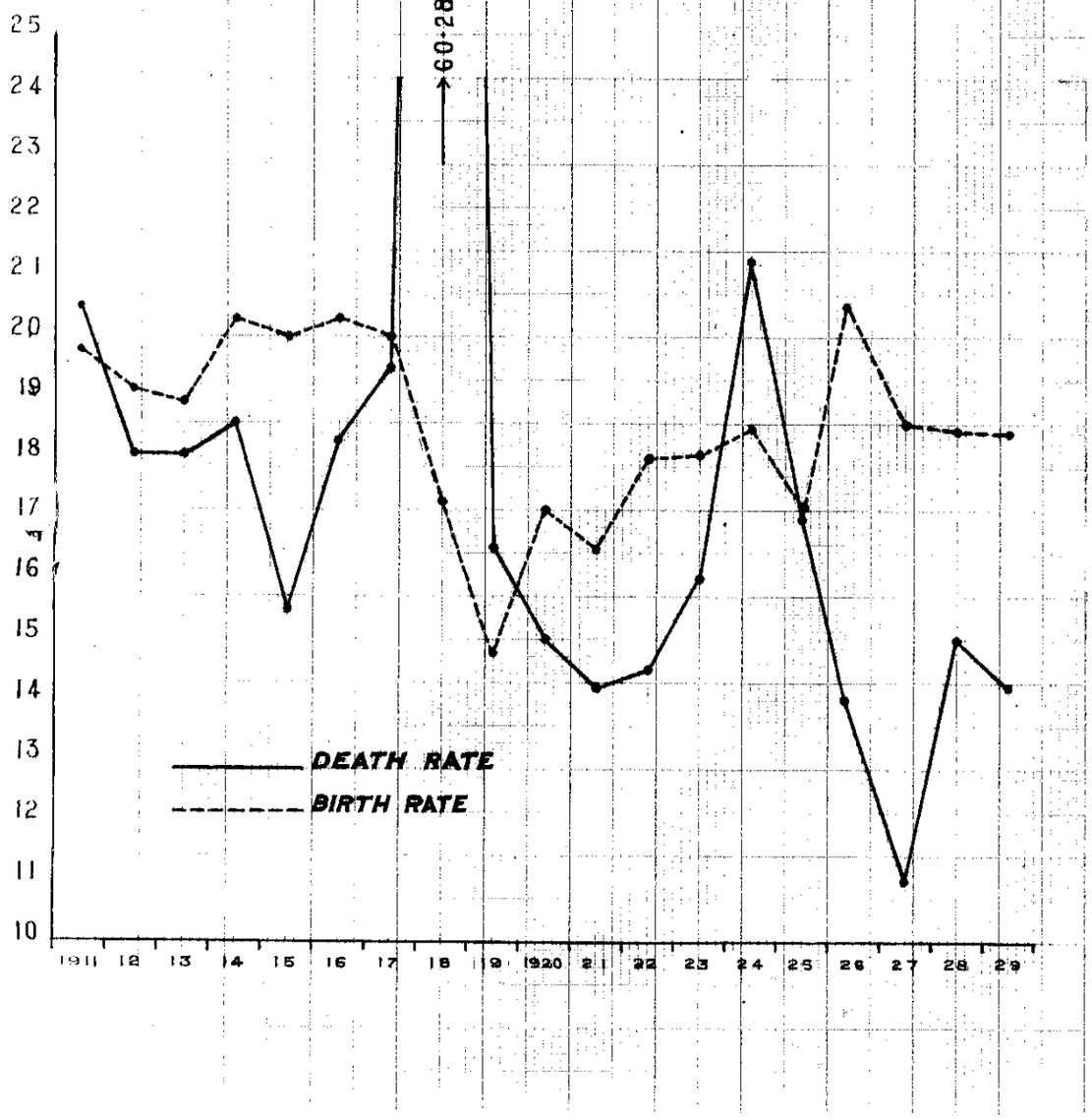
The number of successful cases for which results were known was 1,75,559 or 84.93 per cent for primary and 27,864 or 43.24 per cent for re-vaccinations. The corresponding percentages for the previous year were 80.91 and 38.64 respectively. Apparently there was an appreciable rise in case successes.

In City Municipalities where special vaccinators are employed, a total of 33,350 successful vaccinations were performed. Of these 4,306 were primary and 16,280 re-vaccinations in Kolar Gold Field, 7,300 and 2,521 in Bangalore City, and 2,421 and 522 in Mysore City respectively.

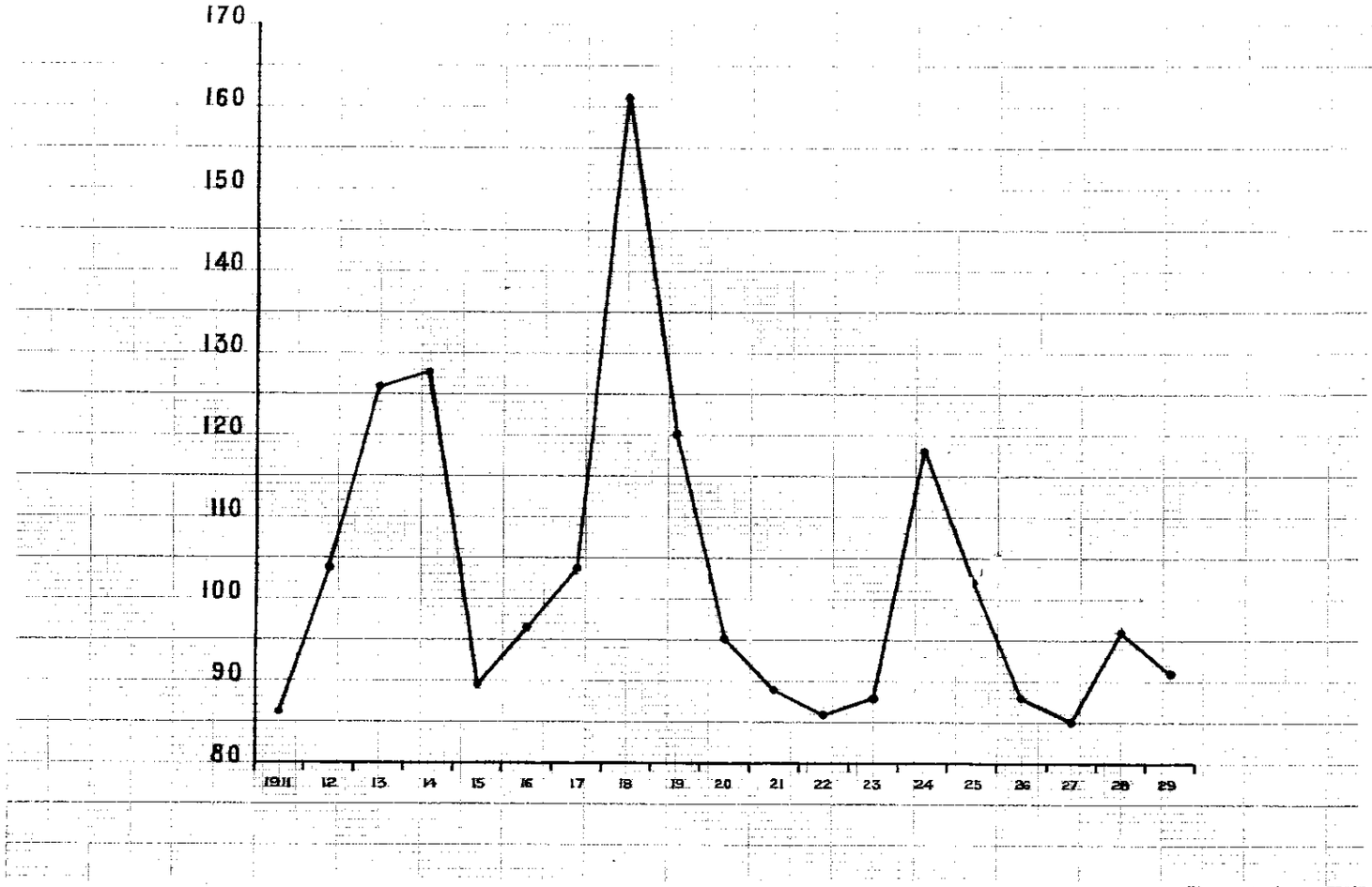
Table 39. Statement showing the Dispensary Vaccination in Mysore State during year 1929.

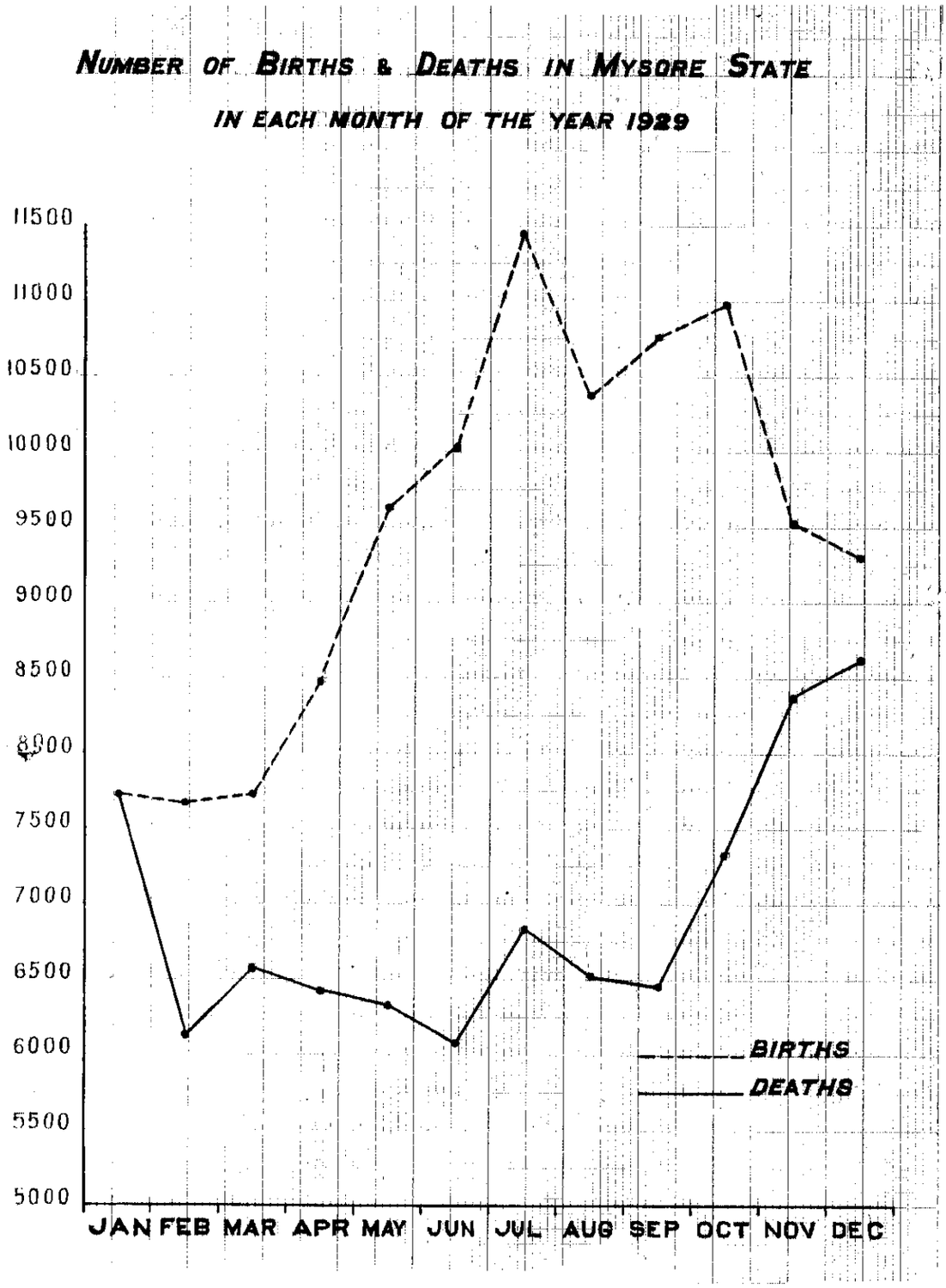
District.	Number of dispensaries.	Number of persons vaccinated.	Primary and Secondary Vaccination.					Re-vaccination.			Percentage of successful cases excluding unknown.		Percentage of unknown cases to total cases.	
			Total.	Successful.			Unknown.	Total.	Successful.	Unknown.	Primary and Secondary	Re-vaccination	Primary and Secondary Vaccination.	Re-vaccination
				under one year.	Over and under six years	Total of all ages.								
Bangalore	21	1,933	1,622	724	408	1,132	294	311	108	124	85.54	57.85	18.12	39.87
Kolar ..	14	867	769	124	346	666	58	98	44	18	93.67	55.00	7.54	18.36
Tumkur ..	15	1,132	1,030	195	618	813	217	102	37	65	100.00	100.00	21.06	63.72
Mysore ..	36	1,504	1,103	100	116	787	107	401	198	7	79.02	50·25	9.70	1.74
Hassan. ..	13	347	334	98	167	306	14	13	5	6	97.50	71.42	4.19	46.15
Shimoga ..	29	239	180	..	..	168	6	59	33	15	96.55	75.00	3.33	25.42
Kadur ..	25	584	450	136	193	344	20	134	81	23	80.00	72.97	4.44	17.16
Chitaldrug ..	13	912	833	197	518	735	74	79	28	8	96.83	39.43	8.88	10.01
Total (Mysore State)	166	75,181	6,321	1,704	2,516	4,951	620	1,197	534	266	86.84	57.36	9.80	22.22

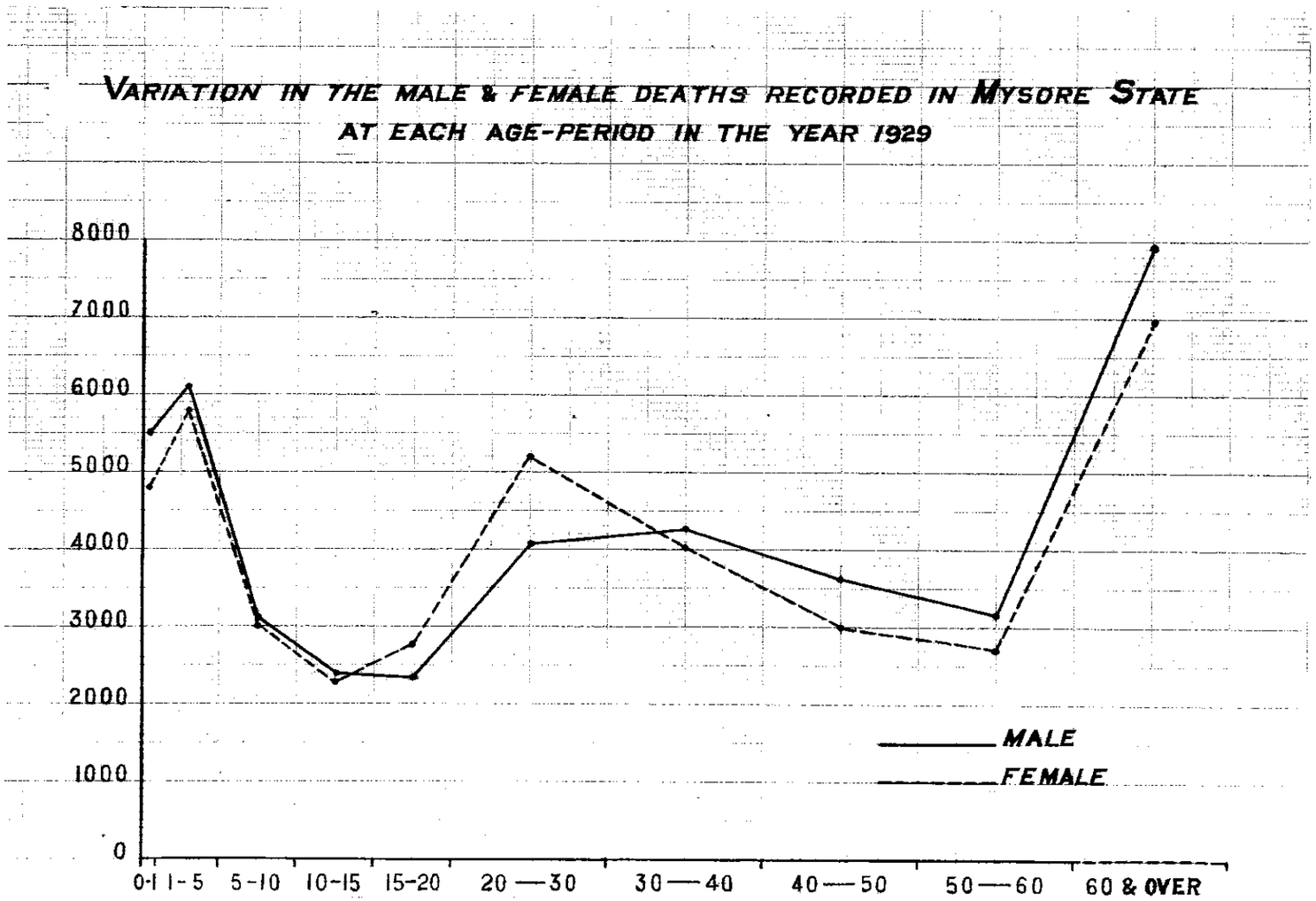
Comparison of crude Annual Birth and Death Rates in Mysore State in the period 1911-1929



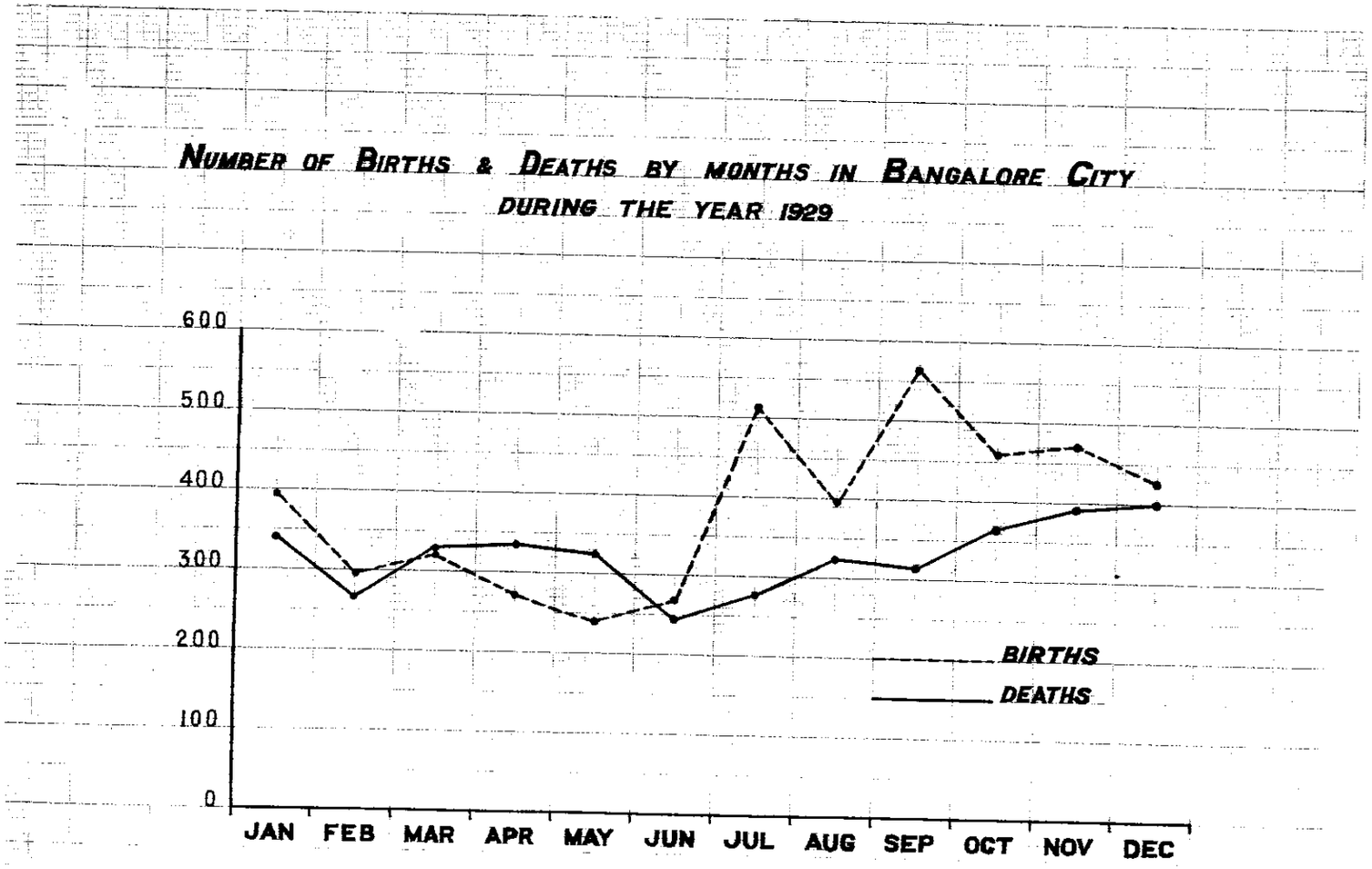
COMPARISON OF CRUDE ANNUAL INFANTILE MORTOLITY IN MYSORE STATE IN THE PERIOD 1911 - 1929

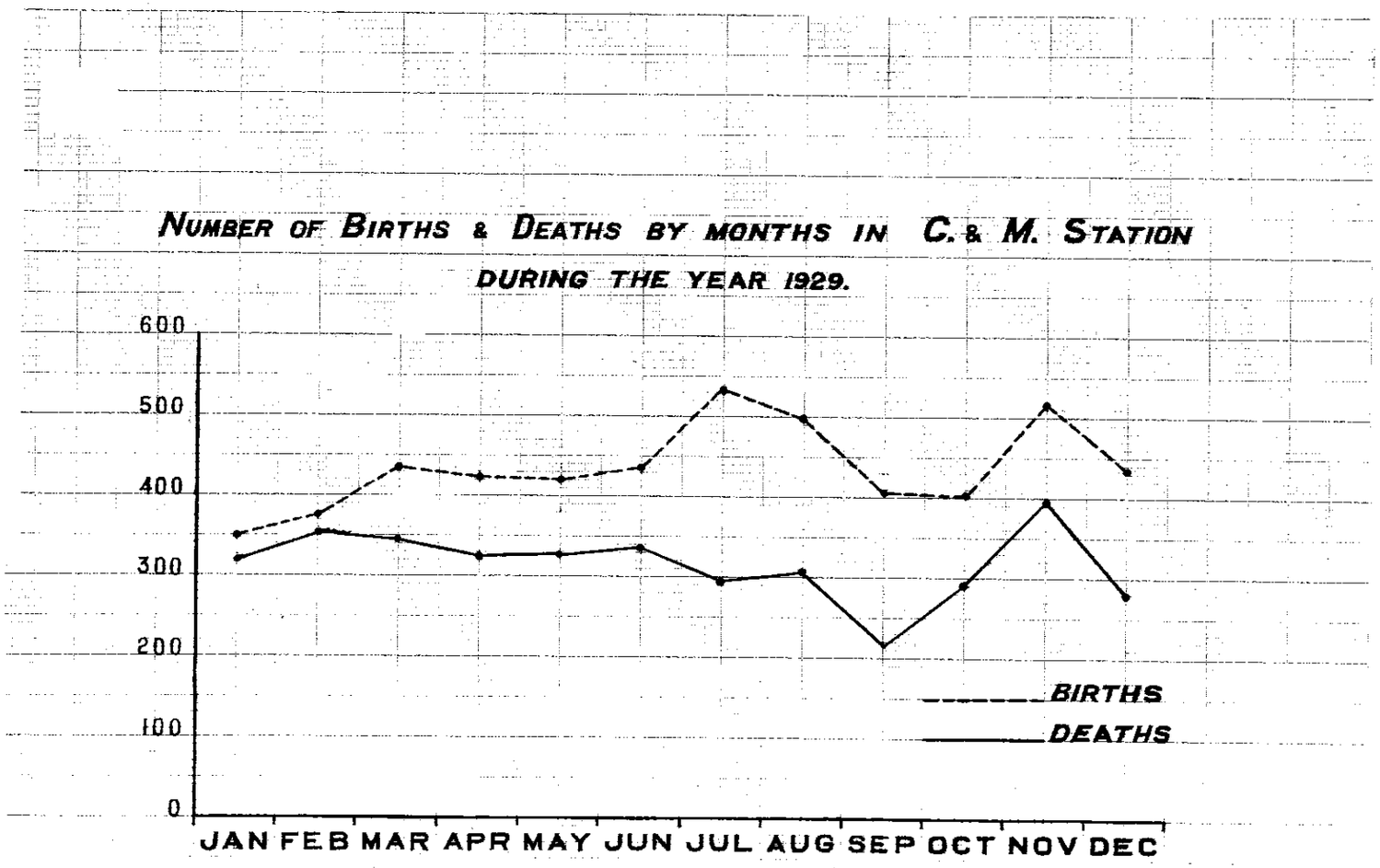



NUMBER OF BIRTHS & DEATHS IN MYSORE STATE
IN EACH MONTH OF THE YEAR 1929
11500
11000
10500
10000
9500
9000
8500
8000
7500
7000
6500
6000
5500
5000
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
BIRTHS
DEATHS


VARIATION IN THE MALE & FEMALE DEATHS RECORDED IN MYSORE STATE
AT EACH AGE-PERIOD IN THE YEAR 1929
8000
7000
6000
5000
4000
3000
2000
1000
0
0-1
1-5
5-10
10-15
15-20
20—30
30—40
40—50
50—60
60 & OVER
MALE
FEMALE

NUMBER OF BIRTHS & DEATHS BY MONTHS IN BANGALORE CITY DURING THE YEAR 1929




NUMBER OF BIRTHS & DEATHS BY MONTHS IN C. & M. STATION
DURING THE YEAR 1929.
600
500
400
300
200
100
0
JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
BIRTHS
DEATHS

The number of vaccinations done by the Medical Subordinates was 7,518 of which 6,321 were primary and 1,197 re-vaccinations. The percentage of successful cases excluding the unknown was 86.84 in respect of primary and 51.36 in the case of re-vaccinations.

Table 40. Particulars of Vaccination done by Special and Dispensary Staff.

Particulars.	No.of persons vaccinated.		Percentage of successful cases.		No.of children successfully vaccinated.		Ratio of successful vaccinations per 1000 of population
	Primary	Re-	Primary.	Re-	Primary.	Re-	
special staff District and Municipal) ...	175,559	27,864	84.93	43.24	39,237	85371	25.64
dispensary staff..	6,321	1,197	86.84	51.36	1,704	2516	
Total ...	181,880	29,061	85.00	43.76	40,941	87887	..

During the year under report ~~the~~ vaccination continued to be compulsory in all the urban areas including the three cities. In Town Municipalities two hundred and forty one notices were issued under the Amended Regulation VII of 1925 of which 236 were complied with and 4 persons were prosecuted In the cities of Bangalore (611) and Mysore (19) 630 notices were issued of which 597 were complied with, 18 withdrawn and 33 persons were prosecuted.

The total number of inspections of vaccination made by District Sanitary Officers and the Sanitary Inspectors were 5,374 and 19,997 respectively. Particulars were not furnished for Kolar, Tumkur, Bangalore and Mysore districts in respect of the former and for Kolar, Tumkur and Chitaldrug districts in respect of the latter.

The total cost incurred in respect of vaccination in Mysore State, exclusive of the Vaccine Institute, amounted to Rs 63,460-11-9 as against Rs 57,910-1-5 in the preceding year. The average cost of each successful case was Re.0-6-10 against Re.0-7-0.7 in the preceding year.

Cholera.

The year under report was more or less free from cholera. According to monthly reports 140 deaths and as per daily reports 76 deaths occurred. This discrepanc will continue, as observed in the case of plague and smallpox, until the system of collection of vital statistics in village and urban areas gets improved. It may however be stated that in the year under report Cholera did not take an epidemic form in any part of the State.

Of the 147 attacks and 76 deaths reported, Mysore Taluk accounted for 73 attacks and 27 deaths of which 70 attacks and 26 deaths were reported in January. Salanhundi in Mysore Taluk was severely affected with 47 attacks and 17 deaths. Nanjangud Taluk reported 19 attacks and 9 deaths and Mandya Taluk 4 attacks and 3 deaths in January, Six attacks and 2 deaths were reported in Mudigere Taluk of Kadur District.

Deaths reported from cholera in the several months of the year as per district returns are given below in Table 42.

Table 42. Deaths registered from Cholera in the Districts in each month of the year 1929.

District.	January.	February.	March.	April.	May.	June.	July	August.	September.	October.	November.	December.	Total.			Ratio of Deaths per 1,000 of population.			Mean Ratio per 1000 of population of previous year
													Male	Female	Total	Male.	Female	Total	
ngalore.	..	..	..	1	..	..	..	..	..	..	.6	20	15	12	27	0.03	0.02	0.02	0.08
lar	..	..	..	16	16	..	..	4	3	..	..	..	16	23	39	0.05	0.10	0.04	0.11
umkur.	1	..	..	..	..	..	..	..	..	..	..	..	1	..	1	0.00	..	0.00	0.12
ysore	29	1	.	4	6	3	4	..	4	1	..	..	32	20	52	0.04	0.03	0.03	0.66
assan	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0.32
himoga.	1	.	1	..	..	..	..	..	..	..	..	..	1	1	2	0.00	0.00	0.00	0.52
adur	..	6	.	..	..	11	..	..	..	..	..	..	10	7	17	0.06	0.03	0.05	0.14
italdrug.	..	..	1	..	..	1	..	..	..	..	..	..	2	..	2	0.00	..	0.00	0.30
tal sore State).	31	7	2	21	22	15	4	4	7	1	6	20	77	63	140	0.02	0.02	0.02	0.32.

Fevers.

During the year 33,653 deaths were attributed to this cause. The distribution over the districts in each month of the year is given in Table 43.

Table 43. Deaths registered from Fevers in the Districts in each month of the year 1929.

District.	January	February	March.	April	May.	June.	July	August.	September	October	November	December.	Total.			Ratio of deaths per 1,000 of population.			Mean ratio per 1000 during previous year.
													Male.	Female	Total.	Male.	Female.	Total	
Bangalore. ..	363	217	263	282	312	311	289	318	317	331	392	383	1,876	1,902	3,778	4.04	4.29	4.16	4.86
Kolar ..	418	302	298	307	309	373	278	264	312	253	437	529	2,162	1,918	4,080	5.33	4.96	5.02	5.85
Tumkur ..	410	295	317	318	355	316	329	304	270	397	467	504	2,131	2,151	4,282	5.39	5.68	5.53	6.90
Mysore. ..	533	428	486	308	432	342	564	504	449	632	706	842	3,585	2,641	6,226	5.10	3.77	4.43	8.30
Hassan ..	433	343	355	357	352	288	406	254	321	283	369	386	2,141	2,006	4,147	7.32	6.87	6.10	12.60
Shimoga ..	426	377	505	499	338	235	313	241	289	277	299	146	2,102	1,843	3,945	8.18	7.82	8.00	11.69
Kadur ..	289	258	312	262	202	249	238	209	222	258	238	277	1,672	1,342	3,014	9.57	8.44	9.03	14.13
Chitaldrug..	341	279	410	395	353	262	343	275	288	364	440	431	2,106	2,075	4,181	7.13	7.43	7.28	6.67
Total(Mysore State) ..	3,213	2,499	2,946	2,728	2,653	2,376	2,760	2,369	2,468	2,795	3,348	3,498	17,775	15,878	33,653	5.95	5.22	5.74	8.13

There being a general uniformity in the figures reported for each month, it is not possible to trace the variation in the incidence in the different months of the year. Perhaps it may be stated that the season for high mortality from fevers is in the months of November, December and January.

During the year special reports about the prevalence of malaria in different parts of the State were called for from the Sub-Assistant Surgeons but the response was too poor to be of any use for purposes of demonstrating the geographical distribution and frequency of this disease.

An attempt was also made to collect data in respect of Typhoid in city areas. Special cards were prepared for collecting detailed information about this disease and the Health Officers were requested to get the questionnaire answered in each case and submit the same to the Central Office for analysis. Although the system was in its preliminary stage the results are encouraging in so far as the completeness of the reporting is concerned.

Towards the end of the year a special investigation on the prevalence of Typhoid, Dysentery and Diarrhoea in Mysore City was made by the Director and the Vital Statistician. It is ascertained that these diseases are a serious public health problem in that City although there appears to be no reason for panic. The City Health Department is requested to pay special attention to the reporting and control of these diseases.

Dysentery & Diarrhoea.

2,790 deaths from dysentery and diarrhoea were reported, the number reported in the previous year being 3,574.

Table 44. Deaths registered under Dysentery & Diarrhoea in the Districts in each month of the year 1929.

District.	January	February	March	April	May	June	July	August	September	October	November	December	Total.			Ratio of deaths per 1,000 of population.			Mean Ratio per 1000 of population during previous 5 years.
													Male	Female	Total	Male.	Female.	Total	
Bangalore ..	56	38	22	25	52	68	68	67	66	69	64	80	368	307	675	0.78	0.69	0.74	0.75
Kolar ..	48	59	42	23	20	39	9	39	22	10	36	37	221	163	384	0.54	0.42	0.48	1.01
Tumkur. ..	16	19	10	12	21	24	21	21	21	32	28	37	148	124	272	0.37	0.22	0.35	0.28
Mysore ..	26	81	35	41	22	58	52	49	59	41	57	57	308	280	588	0.42	0.39	0.41	0.61
Hassan. ..	7	2	3	4	12	9	4	5	16	1	9	3	46	29	75	0 15	0.09	0.12	0.38
Shimoga ..	31	33	30	48	39	30	43	52	28	44	44	20	239	203	442	0.92	0.86	0.89	1.37
Kadur. ..	2	1	8	6	32	14	23	10	4	10	22	10	76	66	142	0.43	0.41	0.42	0.52
Chitaldrug. ..	10	23	8	6	26	16	27	21	16	12	19·	28	118	94	212	0.40	0.33	0.38	0.19
Total(Mysore State)	196	256	158	165	224	258	247	264	232	219	299	272	1,524	1,266	2,790	0.51	0.44	0.47	0.62

Table 44 gives the number of deaths reported in the districts in each month of the year.

Respiratory Diseases.

2,239 deaths were reported under respiratory diseases in the year under report. In this connection it must be stated that important causes of death like consumption are included under this head, much valuable data thus becoming obscure on this account.

The following statement gives particulars of in-and out-patients treated for tuberculosis in the Princess Krishnarajammanni Tuberculosis Sanatorium, Mysore.

Table 45. Statement showing the total number of in-and out-patients treated and the results of treatment at the Princess Krishnarajammanni Tuberculosis Sanatorium, Mysore.

	Total Treated.					Arrested.	Much Improved.	Improved.	Stationary	Worse	Death.	Remaining.	Remarks.
	Total.	Men.	Women.	Children									
				Boys	Girls								
In-patients.	129	55	73	1	...	47	6	5	11	21	7	32	Only pulmonary Tuberculosis.
Out-patients.	1038	676	406	149	77	1030	-	-	-	-	-	8	Includes all variety of cases

Injuries.

During the year 1,225 deaths from injuries were reported against 1,266 in the previous year. The number of deaths reported from these causes in Bangalore City and Kolar Gold Field were 47 and 122 respectively.

The number of suicides reported was 203 of which 107 were male and 96 female. In the previous year 179 suicides and in 1927, 164 were recorded. There has thus been a progressive increase in the number of suicides and this calls for some notice.

From wounds and accidents as many as 858 deaths were recorded, Bangalore City reporting 46 and Kolar Gold Field 118. 164 deaths were reported during the year as due to snake bite or being killed by wild beasts.

Rabies.

Except in cities and some of the major municipalities statistics of dogs destroyed are not regularly supplied to the Health Department. It would be interesting to report how many dogs are being destroyed every year throughout the State and how correspondingly the incidence of rabies is affected. It is requested that Deputy Commissioners will kindly instruct the Presidents of Municipalities and of Village Panchayets to collect information on this matter and send quarterly summaries to the Health Department for review in the Quarterly Report.

The following is a statement showing the number of anti-rabic cases treated in the different hospitals of the State in 1929.

Statement of Anti-rabic cases treated in the Hospitals of Mysore State - -

Statement of Anti-rabic cases treated in the Hospitals of Mysore State during the year 1929.

1.	Victoria Hospital, Bangalore ...	381
2.	Krishnarajendra Hospital, Mysore...	286
3.	District Hospital, Kolar. ...	23
4.	District Hospital, Chickmagalur. ..	8
5.	District Hospital, Chitaldrug ..	7
6.	Civil Hospital, Kolar Gold Field ..	29
7.	Health Office, Kolar Gold Field ..	28
8.	Local Fund Dispensary, Thirthahally	5
	Total ...	767

During the year 7,480 dogs were destroyed in City Municipalities as shown below.

Statistics of stray dogs destroyed in City Municipalities in 1929.

City.	Quarter Jan. to Mar.1929.	Quarter Apr. to June'29.	Quarter Jul.to Sep.'29.	Quarter Oct.to Dec.'29.	Total 1929.
Mysore ..	342	266	352	325	1,285
Bangalore ..	358	357	595	485	1,795
C.& M.Station.	830	1,061	893	638	3,422
Kolar Gold Field.	297	157	397	127	978
Total ..	1827	1,841	2237	1,575	7,480

It may be mentioned in this connection that figures in respect of prosecutions for cruelty to animals are not being collected. It is learnt that 10 persons were prosecuted in Bangalore City and 11 in Mysore City.

Leprosy.

Leprosy is reported to be prevalent in the Taluks of Malvalli and Mandya. Statistics of lepers are not being collected systematically except at the decennial census. Mr. S. Vardaiengar, D.M.&S.O., Bangalore District, had made a leprosy survey of Mandya and Malvalli Taluks prior to 1928 and the little that is known about the prevalence of leprosy in those Taluks is due mainly to his report.

The number of patients admitted into the Leper Asylum, Bangalore, was 206 in the year under report. Including 70 patients that remained under treatment at the close of the previous year the total number treated during the year was 276. These were 213 men, 51 women, 11 boys and 1 girl.

During the year three patients were relieved as disease arrested and 12 died.

The total expenditure including pay and allowance to the medical staff amounted to Rs 19,385, the amount recovered from the Civil & Military Station, Bangalore, for the maintenance and custody of lepers being Rs 2,770/-.

The Leper out-patient dispensary opened on 15th February 1929 examined 1,643 cases, of which 8 were diagnosed as leprosy A1 type, 1 of B2 type and 1 of A1-B2 type. Thirteen leucoderma cases also were taken up for treatment.

It is reported that in the treatment for leprosy the results with the gold preparation "krysolgan" have not been encouraging.

A few fresh cases of leprosy were reported in Hosur, Goribidnur Taluk of the Kolar district.

The two Sub-assistant surgeons who had been deputed for study at the school of Tropical Medicine, Calcutta, have since returned and there are at present 8 officers trained in anti-leprosy work.

During the year 53 fresh cases of lepers were detected in the Malvalli Taluk at the following villages.

Villages.	Number of lepers.		
	Total.	Male.	Female
Annur ...	9	9	-
Bappasandra ...	15	13	2
Menasinagere ...	2	2	-
Bachenahalli ...	27	16	11

All Other Causes.

The number of deaths reported under this head was 27,118 or 32.5 per cent of all deaths. It is surprising to find that in Bangalore City as many as 2,255 out of 3,902 deaths, or 57.8 per cent reported under this head. Kolar Gold Field appears to be worse in this respect in as much as 1,544 out of 2,178 deaths were reported giving a percentage of 70.9. In Mysore City it was 80.2. The inclusion of such a large percentage of deaths under this head as also the vagueness of other heads of death causation like 'Fevers', 'Respiratory Diseases,' etc. makes it extremely difficult to compute the mortality from important individual diseases. Yet another drawback

in the present returns of vital statistics is that they do not give information of the mortality from the different diseases in the several age groups which is so essential in epidemiological studies.

It is suggested that in city municipalities at least efforts should be made to pay more attention to classifying the causes of death under proper headings, instead of the present slip shod entry under this very general head.

SANITATION IN CITY MUNICIPALITIES.

Bangalore City. (Population — 1,18,556)

General sanitation of the City was supervised by six Sanitary Inspectors, the number of house-to-house inspections performed by them being 7,631. Remediable sanitary defects were noticed in 6,002 premises and 5,189 notices were issued under different Sections of the Municipal Regulation; the terms of 3,762 notices were complied with, and prosecutions were instituted in 669 instances, the amount of fine realised in cases convicted being Rs 452-15-0.

Health propaganda in the shape of cinema films, lantern lectures, talks, distribution of leaflets, etc. was carried on in the affected localities.

The agency employed for registration of births and deaths remained the same as in former years

consisting of 8 sub-registrars in different divisions of the City.

Table 46.
Distribution of births and deaths reported from the different Divisions of Bangalore City in the year 1929.

Division.	Population in 1921.	Births.	Deaths
I	7,866	110	108
II	23,425	592	556
III	30,578	1,093	1,015
IV	17,344	1,724	798
V	7,015		
VI	9,643	348	350
VII	11,621	525	667
VIII	5,128	333	194
IX	5,936	341	214
T o t a l	1,18,556	5,066	3,902

Excluding still births the total number of births registered during the year was 5,066 with a birth rate of 42.7 per thousand of population against 39.6 in the previous year. Of these births 2,844 or about 56% were conducted under more or less skilled aid, 1,449 at the Maternity Hospital and 1,395 by the Municipal Midwives.

Still births during the year numbered 128 against 141 in the previous year.

The registered deaths numbered 3,902 with a death rate of 32.9 per thousand of population against 35.3 in the previous year. Of the deaths 682 were reported from the city Hospitals as follows:-

	Victoria Hospital ...	386
	Maternity Hospital ...	99
	Epidemic Diseases Hospital.	117
	Central Jail. ...	2
	Mental Hospital ...	9
and	St. Martha's Hospital.	69

During the year 874 deaths of children under one year were reported giving an infantile mortality rate of 172.5 per 1,000 live births registered as against 197.9 in the previous year.

94 attacks and 36 deaths from smallpox and 27 deaths from Influenza were returned during the year.

98 attacks and 78 deaths from plague were reported during the year and 4,330 persons were inoculated. 73 rodents were received for microscopic examination of which none was found infected. In all 447 houses were disinfected during the year.

The sanitary staff inspected the markets, slaughter houses, hotels, eating houses and aerated water factories, as a routine and necessary action was taken to improve their sanitary condition wherever defects were noticed.

Anti-malarial work received special attention during the year. From July 1929 a special staff under the advice of Dr. W. C. Sweet was engaged on Malaria control work in the City.

One Lady Health Visitor was entertained throughout the year for maternity and child welfare work. The following is the statement of work done.

Statement of work done by the Lady Health Visitor during the year 1929.

1.	Number of cases conducted by Dais and Private Midwives and inspected by Lady Health Visitor. ...	891
2.	-do- advised by the Lady Health Visitor. ...	125
3.	Number of cases conducted by Municipal Midwives and inspected by Lady Health Visitor. ...	893
4.	Number of babies -do- that received special care. ...	40
5.	Number of pregnant women seen in the mornings. ...	1,512
6.	Number of anti-natal clinics conducted.	104
7.	Number of pregnant women seen and treated in the Dispensaries in the evenings. ...	1,591
8.	Number of baby clinics conducted.	106
9.	Number of children examined and treated at the Dispensaries. ...	3,199
10.	Number of unprotected cases reported	1,146
11.	Number of lectures on Maternity and Childwelfare given in Kanada.	27
12.	Number of magic lantern lectures on flies and cholera given in Kanada.	6

During the year a milk centre was run by the Civic and Social Progress Association in Ganigarpet, the Municipality contributing Rs 30/- per mensem. A Creche was also maintained by the Maternity and Child Welfare

Association in Beli-Mutt Road, near Binny Mills.

During the year 1795 stray dogs were destroyed, the cost incurred on this account being Rs 76-10-0.

The number of cases admitted into the Epidemic Diseases Hospital was 439. The number of admissions in the preceding ~~three~~ four years were:-

1926	...	195
1927	...	288
1928	...	373
1929	...	439

Of the 439 admitted during the year 112 died, 203 got cured, 109 discharged otherwise and 15 discharged disease arrested.

The work done at the Epidemic Diseases Hospital has been so altered as to enable hospitalization of all infectious diseases, thus enlarging its sphere of work. During the year a large number of cases of tuberculosis were admitted for treatment.

It is reported that of 57 cases of plague treated with anti-plague serum 24 cures resulted. Of 24 cases treated with iodine method 9 cures were effected.

During the year a laboratory was completely fitted up for diagnostic work.

Clinical instruction on communicable disease was given to M.B.,B.S., and L.M.P. students of the Medical College by the Superintendent of the Leper Asylum, Bangalore.

The following are the particulars of admissions,

disease and treatment at the Epidemic Diseases Hospital, Bangalore.

Statement showing the number of patients admitted in the Epidemic Diseases Hospital, Bangalore, with details of disease & result of treatment.

Disease.,	Number admitted.	Results of Treatment.			
		Dead.	Cured.	Discharged otherwise.	Discharged diseased arrested.
sentery ..	3	1	2	-	-
Enteric Fever ..	3	1	2	-	-
Plague ..	81	48	33	-	-
Pneumonia ..	2	1	1	-	-
Rheumatism & Rheumatic Fever.	8	1	5	2	-
Smallpox ..	72	10	62	-	-
Syphilis (Primary & Secondary)	6	1	5	-	-
Tubercle of the Lung. ..	85	16	-	54	15
Other Tubercle Diseases. ..	1	-	-	1	-
All other Infective Diseases.	82	4	55	23	-
Anaemia ..	3	-	3	-	-
Malignant new growth ..	1	1	-	-	-
All other general diseases..	24	10	1	13	-
Disease of the nervous system.	11	2	3	6	-
Disease of circulatory system.	2	2	-	-	-
All Diseases of the Respiratory System except Pneumonia & T.P.	2	2	-	-	-
Dyspepsia ..	5	-	5	-	-
All other Diseases of the Digestive System.	4	1	3	-	-
Chronic Bright's diseases. .	4	-	-	4	-
All other Diseases of the Urinary System. ..	2	-	1	1	-
All other Diseases of the generative System. ..	2	1	-	1	-
Diseases of organs of locomotion.	1	1	-	-	-
Diseases of connective tissue.	2	-	2	-	-
Other Diseases of the skin.	6	1	1	4	-

Kolar Gold Field. (Population — 87,682)

3,348 births were recorded during the year with a birth rate of 38.2 as against 3,391 births with a birth rate of 38.7 in the previous year. Of the total births 38.05 per cent occurred in the Sanitary Board Area and 61.95 per cent in the Mining Area. 764 births or 22.82 per cent of the total were conducted in the Government Maternity Hospital, Robertsonpet, and Champion Reefs Dispensary; 1,447 or 43.22 per cent under the care of qualified Midwives and Dais and 1,137 or 33.96 per cent by unskilled women.

The Mining authorities maintained 9 midwives and the Sanitary Board 2, one of whom is attached to the Champion Reefs Dispensary.

The variation in the birth rates recorded from 1923 is shown in the following table.

Year.	Birth Rate per mille
1923 ...	38.58
1924 ...	40.67
1925 ...	38.01
1926 ...	39.40
1927 ...	38.12
1928 ...	38.67
1929 ...	38.18

During the year 2,178 deaths from all causes were recorded as against 2,140 in the preceding year. The death rate during the year was 24.84 per mille of

population as against 24.40 in the previous year. The variation in the death rates recorded from 1923 is given below.

Year.		Death Rate per mille.
1923.	...	23.08
1924	...	28.15
1925	...	25.43
1926	...	26.18
1927	...	21.79
1928	...	24.40
1929	...	25.05

Arranged according to age groups the reported deaths were distributed as follows.

Age group		No.of deaths.	Percent of total deaths.
Under 1 year	...	656	30.1
1 to 5	...	481	22.1
5 " 10	...	69	3.2
10 " 15	...	27	1.2
15 " 20	...	54	2.5
20 " 30	...	139	6.4
30 " 40	...	140	6.4
40 " 50	...	166	7.6
50 " 60	...	91	4.2
60 and upwards	...	355	16.3

Thus nearly 30 per cent of deaths occurred among infants under one year of age, about 22 per cent between one and five years and 16 per cent in the age period 60 and over.

656 infants under one year of age died, the infantile mortality rate being 195.93 against 193.15 in the previous year.

The variation in the infantile mortality rates recorded from 1923 is given below:-

Year.	Infantile Mortality Rate.
1923 ...	187.80
1924 ...	198.54
1925 ...	199.82
1926 ...	196.53
1927 ...	184.26
1928 ...	193.15
1929 ...	195.93

The chief observed causes of mortality amongst infants and the frequency of each cause are as follows:-

	Smallpox ...	3
	Influenza ...	1
	Other fevers ...	4
	Dysentery ...	13
	Diarrhoea ...	41
	Gas enteritis ...	4
	Bowel complaints...	3
	Pneumonia ...	21
	Consumption ...	1
	Bronchitis ...	27
	Still-births ...	75
	Pre-births ...	61
	Debility ...	142
	Convulsion ...	157
	Mal-nutrition ...	61
and	All other causes..	47.

The area remained free from Cholera and Plague.

144 attacks and 51 deaths from smallpox were reported.

Monthwar Statement of attacks and deaths from Smallpox in ~~the~~ Kolar Gold Field City.

No.	Month.	Sanitary Board Area.		Mining Area.		Total	
		A.	D.	A.	D.	A.	D.
1.	January ..	23	8	18	7	41	15
2.	February ..	6	2	12	3	18	5
3.	March ..	6	1	32	6	38	7
4.	April ..	5	2	6	4	11	6
5.	May ..	4	0	8	2	12	2
6.	June ..	4	1	1	1	5	2
7.	July ..	1	0	5	1	6	1
8.	August ..	0	0	2	1	2	1
9.	September ..	1	0	2	1	3	1
10.	October ..	4	1	0	0	4	1
11.	November ..	1	0	2	0	3	0
12.	December ..	1	0	0	0	1	0
	Total ..	56	15	88	26	144	41

20,586 vaccinations were performed during the year, of which 4,306 were Primary and 16,280 Re-vaccinations. Of the Primary vaccinations 82.72 per cent and of Re-vaccinations 49.08 per cent were successful.

Due to accidents, suicide and snake-bite there occurred 131 deaths. Of these 69 were due to Mining accidents, 40 to non-Mining accidents, 4 to suicide, 5 to snake-bite and the remaining 13 to drowning.

At the Epidemic Diseases Hospital, Robertsonpet, 295 persons including 12 that remained at the end of last year were treated during the year as against 136 in the previous year. Of these 252 were discharged cured, 39 died and 4 remained at the close of the year as shown below:-

Statement of cases treated at the Epidemic Diseases Hospital, Robertsonpet, during the year 1929.

Particulars of Disease.	No. that remained on 1/1/29.	No. admitted during 1929.	Total	Discharged.	Died.	Remained on 1/1/30
Smallpox ..	9	139	148	111	37	0
-Do- observation.	2	133	135	135	0	0
2. Plague. ..	0	0	0	0	0	0
-Do- observation.	0	4	4	0	1	3
3. Mumps ..	1	6	7	6	0	1
4. Diphtheria ..	0	1	1	0	1	0
-Do- observation.	0	0	0	0	0	0
T o t a l. ..	12	283	295	252	39	4

Licensing of dogs continued to be in operation during the year. 978 dogs were destroyed by strychnine and 142

which had inflicted bites on persons were kept under observation. The brains of 8 dogs were sent to Coonoor for examination and 20 persons were sent to the Civil Hospital for anti-rabic treatment.

41,765 rats were destroyed during the year, chiefly in the Mining Area.

Under the Sanitary Board bye-laws, 119 cases for sanitary offences, involving 120 persons were tried in Court. Of these, 86 cases were withdrawn, the parties having complied with the terms of notices after charge sheet had been filed and 23 persons were convicted. The total amount of fine realised was Rs 63-8-0.

Four Child Welfare Centres, 3 in the Mining Area organized by the Mining Board and one at Robertsonpet under the Sanitary Board were working during the year. The following is a statement of work done at these centres.

Statement of work done at the Child Welfare Centres in Kolar Gold Field, during the year 1929

No.	Items of work done during the year.	Mining Area.	Sanitary Board Area
1.	Number of babies bathed. ...	4,438	1,440
2.	Number of pregnant women attending the centre clinics for advice.	283	..
3.	Number of confined women seen in their huts by the Health Visitors.	1,428	304
4.	Number of visits paid to confined women in their huts. ...	1,612	437
5.	Number of mothers and babies that attended the clinic. ...	3,051	485
6.	Number of visits paid to pregnant women in their huts by Lady Health Visitor for giving advice.	..	1,681

The Red Cross Society, Kolar Gold Field Branch gave liberal grants to these Institutions in order to encourage the scheme of child welfare work.

The following is a statement of work done at the Health Office Laboratory, Robertsonpet.

Specimens examined at the Health Laboratory, Robertsonpet.

Specimens.		Positive.	Negative.	Total.
1.	Blood for Malaria. ..	2	3	5
	for Widal. ..	21	40	61
2.	Organs of animals ..	20	55	75
	for plague. ..	1	3	4
3.	Sputum for T. B. ..	5	5	10
4.	Urine: qualitative ..	10	0	10
	quantitative ..	10	0	10
	bacteriological...	5	0	5
5.	Discharges for G. C. ..	5	10	15
	for plague ..	0	3	3
6.	Motion for Amoeba ..	4	2	6
	cholera ..	0	1	1
	Culture for cholera ..	0	1	1
7.	Water analysis: qualitative.	26	0	26
	quantitative.	2	0	2

Mysore City.(Population — 83,956)

During the year 2,132 births were registered with a birth rate of 25.4 against 2,327 with a birth rate of 27.7 in the previous year. Of the total births 1,148 were male and 984 female, that is about 117 males for every 100 females.

2,588 deaths were registered during the year against 3,544 in the previous year. Of the number of deaths recorded 1,290 were male and 1,361 female. The death rate was 30.82 per mille of population as against the average of 26.78 in the past 5 years.

329 deaths of infants under one year of age were registered during the year giving an infantile mortality rate of 154.31 as compared with 274.60 in the previous year.

118 still births were recorded during the year against 104 in the preceding year.

There were 90 attacks with 77 deaths from plague reported during the year as compared with 73 attacks with 60 deaths in the previous year. Of these 8 attacks were imported. The total number of inoculations done was 3,496. No attack amongst the inoculated was reported. A special inoculating officer was engaged from 7th January 1929.

There were 20 attacks with 2 deaths from smallpox. 3,032 vaccinations were performed during the year. Of these 525 were re-vaccinations. Of the primary vaccinations

1,851 or 73.8 per cent were successful and of the re-vaccinations 60 or 11.4 per cent.

Notices were issued in 19 cases for refusing to get vaccinated but the terms of notices were subsequently complied with in all cases.

Four attacks with 4 deaths from Influenza were reported.

There were 227 deaths (53 males and 174 females) reported from consumption as against 259 in the previous year. Analysed by caste the distribution of deaths was as follows:- 6 among Christians, 165 among Hindus and 56 among Mohamedans.

96 deaths were registered during the year under Malaria against 111 in the previous year. 19 deaths were registered as due to Typhoid.

565 houses were disinfected during the year.

3,122 premises were visited by the Health Officer and the Sanitary Inspectors on inspection work. Notices were issued in 1,365 cases of which the terms of notices were complied with in 759 cases, 179 prosecutions were launched, including those pending at the end of the previous year, and Conviction was obtained in 110 cases, 3 persons were acquitted, 55 withdrawn, 1 struck off the file and 10 cases remained pending at the end of the year. The total amount of fine imposed by the Court in this connection was Rs 353-8-0

Hotels, eating houses, bakeries, aerated water factories, etc. were inspected by the Health Officer and the Sanitary Inspectors and needful action was taken against sanitary defects noticed. The licensing of hotels etc. was brought into force for the first time in the year under report and the number of such licenses issued was as follows:-

Hotels	...	28,
Coffee Clubs	...	69,
Bakeries	...	7
Aerated water factories.		17
Sweetmeat shops	...	36
Private meat stalls		22
& Dangerous and offensive trades.	...	149.

During the year 1,285 stray dogs were destroyed against 1,313 in the previous year. No case of dog-bite was reported to the Health Department.

The following samples were examined at the Health Office Laboratory, Mysore.

(a) 355 samples of public water supply bacteriologically for B.Coli and for Number of colonies, etc.
(b) 4 samples of water for cholera.
(c) 2 " faecal matter for cholera.
(d) 16 " blood for malaria.
(e) 7 " sputum for T.B.
(f) For suspected plague infections:- 48 dead rats, 2 bandicoots, 14 squirrels, 1 hare, 2 crows, 1 cat and 1 frog.

During the year under report 20 lantern lectures on plague, smallpox, etc. were given.

The following gives the number of patients treated at the Epidemic Diseases Hospital, Mysore, with details of diseases and result of treatment.

Table 47. Statement showing the number of patients admitted in the Epidemic Diseases Hospital, Mysore, with details of and results of treatment.

Particulars of disease.	Total treated.	Cured.	Relieved.	Otherwise discharged	Died.	Remaining under treatment.
Cholera.	2	2	-	-	-	-
Dysentery	16	6	-	-	8	2
Gonorrhoea	1	1	-	-	-	-
Malaria	14	9	-	-	4	1
Plague	27	8	-	-	19	-
Pneumonia	4	2	-	-	1	1
Pyrexia of uncertain origin. ..	2	2	-	-	-	-
Smallpox.	3	1	-	-	2	-
Syphilis (Primary &.Secondary).	16	10	4	-	1	1
Tubercle of the lung. ..	40	-	16	-	20	4
Other tubercular diseases. ..	13	-	5	-	7	1
All other infective diseases ..	6	3	-	-	3	-
Anaemia	1	1	-	-	-	-
Mumps	-	-	-	-	-	-
Malignant New growth ..	4	-	-	2	2	-
All other general diseases. ..	25	13	-	-	9	3
Diseases of the nervous system.	14	-	2	-	8	4
" " " circulatory system.	4	2	-	-	2	-
" " " respiratory "	10	7	-	-	3	-
Dyspepsia	1	-	-	-	1	-
Diarrhoea	28	10	4	-	14	-
All other diseases of the liver.	5	3	-	-	2	-
Diseases of the digestive system.	3	3	-	-	-	-
Bright's Disease.	7	2	1	-	3	1
Diseases of the Urinary system.	4	-	-	-	2	2
" " Generative "	2	1	1	-	-	-
" " organs of locomotion.	2	-	1	-	-	1
Diseases of connective tissues..	1	-	-		1	-
Ulcers.	9	3	-	-	2	4
Diphtheria	-	-	-	-	-	-
Diseases of the skin. ..	4	1	-	-	1	2
Injuries	1	1	-	-	-	-
Poisoning	1	1	-	-	-	-
T o t a l	270	92	34	2	115	27.

SANITARY WORKS.

The Executive Engineer, Sanitary and Town Planning Division, Bangalore, has furnished the following statement showing the number of Water Supply, Town Planning, Drainage and other Sanitary Works in progress and the number of projects prepared during the year 1929.

Water Supply

1. Tumkur Water Supply:- Amount of sanctioned estimate Rs 4,45,702/-. Revised estimate Rs 4,20,321/-. Works completed and handed over to the Municipality on 17th April 1929. An estimate for Rs 30,600/-. to extend supply to Dobb's Bungalow ~~is~~ was submitted on 11th December 1929.

2. Chitaldrug Water Supply:- Proposal to put bore-holes in Anklimut Valley and testing the yield is dropped, as the Municipality resolved not to take up this proposal.

3. Tarikere Water Supply:- Detailed estimate for Rs 3,64,620/- for supplying water from Kusihalla was forwarded on 27th May 1929 to the President, and the question is dropped for want of funds as per resolution of the Municipal Council dated 29th August 1929. Bore-holes have been suggested to be put.

4. Balagady Water Supply:- Amount of estimate for relaying and improving the Water Supply is Rs 4,135/-.

Work completed and handed over to the Assistant Engineer, Koppa, during April 1929.

5. Hunsur Water Supply:- Amount of estimate is Rs 90,000/-. All C. I. mains are laid and Engine House construction started. Total outlay up to end of December 1929 is Rs 32,128/-.

6. White-field Water Supply:- An estimate for Rs 24,000/- is prepared and forwarded to supply the Colony with water by pumping from a well below Varthur Tank.

7 Holenarsipur Water Supply:- Amount of estimate for pumping water from the river is Rs 67,000/-. Government Order No. L. 3636-Ml.152-28 dated 16th November 1928 ordered the scheme to be dropped as costly.

8. Vidhuraswatha Water Supply:- An estimate for Rs 1,800/- for putting four boreholes with pumps by the Industries Department was submitted.

9. Birur Water Supply:- Estimated at Rs 15,576/- for replacing the last 6,000 Rft. of channel by pipe line.

10. Hiriyur Water Supply:- Amount of estimate for constructing another Service Reservoir is Rs 9,664/-. Work completed and handed over during September 1929.

11. Closepet Water Supply:- Amount of estimate is Rs 59,000/-. The Municipal President pleaded inability to finance the scheme. Boreholes were suggested to be put in consultation with the Industries Department.

12. Chennapatna Water Supply:- An estimate for Rs 2,360/- to test the yield of one of the existing wells below the tank was forwarded to the President on 9th February 1928.

13. Kolar Water Supply:- First stage of work consisting of replacing the open channel by 9" C.I. pipes at a cost of Rs 34,514/- was sanctioned.

14. Chickmagalur Water Supply:- Extra sluice and scour valves were inserted on the delivery main and one unit of filter overhauled and cleaned. Detailed estimates for Rs 1,33,340/- for duplicating the main, extending the distribution by recasting and adding another unit of filter and service reservoir were forwarded to the Chief Engineer.

15. Belur Water Supply:- An estimate for Rs 44,000/- for pumping water from Vishnu Samudra Tank was forwarded.

16. Sollebile Water Supply:- A preliminary report was sent to the Deputy Commissioner, Kadur, stating that a pumping scheme at a cost of Rs 6,000/- can be worked out if financed.

17. French Rocks Water Supply:- A hydraulic Ram pumping scheme for supplying Irwin Channel water to town was estimated at Rs 45,700/-.

18. Saligram Water Supply:- An estimate for Rs 73,160/- for pumping Krishnarajendra left bank channel water to the town supply was prepared.

Town Planning.

1. 34 Towns and Villages were inspected for the first

time and Inspection Notes were sent to the authorities concerned with suggestions for improvements.

2. 44 Towns were inspected once again with a view to make further suggestions and to see the progress so far done in the matter of sanitation, drainage and other improvements.

3. Survey of 9 towns were completed and maps for them prepared and supplied to the Municipalities concerned.

4. Field work for the survey of 10 towns is in hand.

5. Drainage projects prepared and forwarded to the different Municipalities:-

	Rs
(1) Harihar Town Drainage Scheme ..	Rs 22,000
(2) Chickballapur Town main drains. ..	18,240
(3) Koppa Town - portion of area round about the Police Station drainage	885
(4) Nandi Town Main drain ..	1,235
(5) Chickballapur Town Street and Gully drains	68,200
(6) Chitaldrug Town Main drains. ..	14,720
(7) Molkalmuru Town Main drains. ..	12,650
(8) Mandya Town Main drains ..	23,100
(9) Chellakere Town Main drains ..	5,255
(10) Nanjangud Town drainage scheme ..	25,860
(11) Hoskote Town drainage scheme. ..	20,200
(12) Kalasa Town drainage scheme ..	13,775
(13) Tumkur Town drainage scheme ..	13,400

6. Plans for layout of extensions of 21 towns were prepared and sent up to the concerned Municipalities.

7. Plans for laying out of 8 Shandy Grounds were prepared and sent up to the concerned Municipalities.

8. Estimates received from 12 Municipalities were scrutinized and returned to them for execution.

9. 12 Miscellaneous works such as selection of sites for Government Buildings, layouts of cotton markets and improvements to junctions, were done during the year.

10. The towns of Tiptur, Madhugiri, Sira, Davangere, Chellakere, Arsikere, and Molkalmuru are doing some drainage works themselves under the occasional supervision of the Sanitary and Town Planning Division.

11. Providing sanitary fittings to hospitals and other public buildings in the State - Cost Rs 32,000/-.

Other Sanitary Works.

The Assistant Comptroller in charge of sanitary works has furnished the following.

Table 48. Works of sanitary nature carried out from State Funds in the year 1929.

Name of work.	Outlay incurred in 1929.	Remarks.
anitary & Town Planning Division.		
Improving water supply to Kadur Town.	119	The outlay on the work is Rs 7,480/- of which Rs 3,972/-is met out of contribution,Rs 3,389/- debited to Objection Book advances and Rs 119 charged to State Funds.
" " Mudigere Town.	—1640	Of the total expenditure incurred on the works viz. Rs 3678/-., Rs 538/- was charged to contribution, Rs 4780/-to Objection Book advances and so the net charge to State Funds is a minus figure.

Table 48 (Continued)

No.	Name of work.	Outlay incurred in 1929.	Remarks.
3.	Improving water supply to Kalsa Town.	963	The total expenditure is Rs 1823/- Rs 860/-was charged to municipality and balance to State Funds.
4.	" " Tumkur Town.	—684	The outlay on the work is Rs3271/- As Rs 3975/- was charged to the municipality during the year the net debit to State Funds is a minus figure.
5.	" " Hunsur Town.	15,717	The total outlay on the work including the quota chargeable to municipality is Rs 31,434/-.
6.	" " Hiriyur Town.	4,478	The total outlay on the work is Rs 9061/-including the amount of Rs 4583/- debited to the contribution from Municipality.
7.	Surveying Shimoga Town.	59	
8.	" Chunchangere Mutt	106	The net outlay against the estimate is nil. The present charge under State Funds is the withdrawal of debit to Objection Book advances.
9.	Surveying Co-operative Adikarnataka Colony at Tarikere.	—29	
10.	Surveying the Town of Closepet	—510	The net debit to the estimate is nil. The charge shown is the amount debited to contribution by credit to State Funds.
11.	Water supply to Tarikere from Kusihalli	77	
12.	Surveying the extension of Tarikere Town.	29	
13.	Surveying the pipe line from Thimmarayakankere to Chitaldrug Town.	15	The total expenditure is Rs 406/- including Rs 391/- debited to contribution.
14.	Surveying the extension of Ramanathpur Town	27	
15.	Surveying Birur Town preparing Drainage scheme	19)	The net debit to the estimates during the year is nil, but charges shown are only debited to State Funds by credit to Objection Book advances.
16.	Surveying extension near Railway Station at Chitaldrug.	69)	
17.	" Molakalmuru Town.	10)	
18.	" Hosadurga Town.	6)	
19.	" Jagalur Town.	29)	
20.	" Holalkere Town	18)	

Table 48 (Continued)

No.	Name of work.	Outlay incurred in 1929.	Remarks.
21.	Surveying Mandya Town.	259	The total outlay is Rs 294/- including Rs 35/- debited to Objection Book advances.
22.	" Chintamani Town.	318	The total outlay is Rs 340/- including Rs 22/- debited to Objection Book advances.
23.	Laying 9 pipe line across the bund of Hirekere Tank, Koppa Taluk.	1082	The total expenditure on the work during the year is only Rs 1027/-. The difference of Rs 55/- is the debit to State Funds by credit to Objection Book advances.
24.	Surveying Sidlaghatta Town, Kolar District.	230	
25.	Surveying and preparing Town map of Devanhalli Town.	302	The total expenditure is Rs 335 including Rs 33/- charged to Objection Book advances.
26.	Laying and joining waste water pipe drains to the platforms of public fountains of Koppa water works.	277	
27.	Surveying Kadur Town. ..	256	
28.	" Belur Town. ..	270	
	" Banavar Town. ..	175	
30.	Taking block levels and examining the distribution system of Kolar Town Supply ..	49	
31.	Surveying the Whitefield Colony.	19	
32.	" Nangli Village.	67	
33.	Investigating water supply project to French Rocks Town ..	7	
34.	Preparation of Drainage project for Tumkur Town.	15	
35.	" " Hosakote Town.	6	
	Bangalore Division.		
36.	Thippagondanhalli Reservoir Surveys.	13,218	
37.	" " Construction.	4,445	
	Mysore Division.		
38.	Constructing an ane across Kotehalla for supplying water to Chamaraj-nagar Town. ..	5,300	
	Water Supply Division.		
39.	Improvement of water supply to Mysore City. ..	80,735	

Table 48 (Continued)

No.	Name of work.	Outlay incurred in 1929.	Remarks.
40.	Raising the storage of Hessarghatta Tank.	31	The total outlay is Rs 186/-of which 1/6 is met from State Funds and the balance from municipality.
41.	Laying 15" C.I.pipes from Hosakote Tank to Yelamallappa Setty Tank.	5	The total outlay is Rs 20/- of which only ¼ is borne by State Funds and the rest by municipality.
42.	Laying 16" C.I.pipe from Yellamallappa Setty tank to combined jewel filters.	254	The total outlay is Rs 1,016/-of which ¼ is borne by State Fund and the balance by municipality
43.	Renewing the strainers of filters at Bethamangala.	546	
44.	Improving water supply to Shimoga Town.	1,650	The total expenditure Rs 3,193/- including Rs 1543/- charged to municipality.
45.	Improvement of water supply at Karapur during the viceregal visit.	11,719	

Table 49 gives the details of sanitary works carried out by the City Improvement Trust Board, Mysore.

Table 49. Statement showing the works of sanitary nature carried out by the Mysore City Improvement Trust Board during the calendar year 1929.

	Particulars of works.	Expenditure incurred
1.	Constructing semi peg top section cement concrete drain in Kannegowdanakoppal. ...	157 1,510
2.	Constructing cement concrete drains east to west to the South of No. 2871 Chamundy Extension. ...	254
3.	Constructing cement concrete drains in conservancy lane to the south-west of Siddanatham Pilley's house, Sayaji Rao Road. ...	226
4.	Sewerage works - constructing house connections.	8,935
5.	Constructing public baths in Mandya Mohalla	102
6.	Constructing a cistern in the Park in front of Chota Mazjid.	215

Table 49 (Continued)

Particulars of works.	Expenditure incurred
7. Constructing rough stone storm water drain along Vani Vilas & Nalla road. ...	1,310
8. Constructing the northern compound wall of the Town Hall for the formation of a square. ...	855
9. Extending the rough stone storm water drain at the junction of Kantharaj Urs & Viceroy roads. ...	583
10. Planting avenues in the several parts of the City.	1,621
11. Maintenance of avenues.	4,365
12. Planting co-coanut trees in the houses opposite to Marimallappa's High School. ...	38
13. Planting Avenues on Princess road from Railway Station to Municipal boundary. ...	974
14. Planting avenues in the new road from Yelwal road to Vani Vilas Mohalla. ...	580
15. Lowering the drain in Jeevannarayanakatte ...	1,204
16. Removing silt in Doddakere. ...	708
17. Establishment looking after Fort maidan. ...	524
18. Constructing new Municipal office building ...	126
Do repairing. ...	16
19. Improvement of storm water drain in front of Fort south gate and Palace Offices. ...	52
20. Laying out grounds near Tholasithota site. ...	1,104
21. Improvements to the square around the Silver Jubilee Clock Tower.	749
22. Improvements in front of City Magistrate's Court.	641
23. Enclosing a portion of old body guard line and converting it into a Park. ...	104
24. Enclosing the maidan opposite to Law Courts ...	565
25. Laying out Narasimharaja Mohalla ...	560
26. Laying out Vani Vilas Mohalla ...	588
27. Improving Hydergunta Road from Government House eastern gate up to Mr. Van Ingen's bungalow. ...	334
28. Removing and relaying 12" pipe line running in the Peoples' Park to the east of Wesleyan Mission Press ..	1,599
29. Digging and dibbling grass in Fort. ...	550
30. Deviating the old Kesere Road from the Circle near Travellers' Bungalow road up to 1st.cross road,Narasimharaja Mohalla.	975

20,125

Table 49 (Continued)

	Particulars of works.	Expenditure incurred-
31.	Forming and levelling the bed of Jeevannarayana Katte.	2,500
32.	Fixing the tape iron railing to the triangular plot by the side of Basamma's choultry. ...	142
33.	Filling up Purnia's Nalla. ...	2,599
34.	Raising the manhole, fixing the cast iron rods and frame at the junction of Railway Station & Kalamma temple roads,	201
35.	Improving the Hyder gunta road. ...	372
36.	Covering over the size stone storm water drain in Bakshi Basappajee Urs' garden. ...	449
37.	Formation of Park between Weavers' Lines and Doddaholagere.	135
38.	Laying pipe line to the west of Mr.Kantharaja Urs' temple.	91
39.	Laying pipe line in Block 80-2-83. ...	805
40.	Laying pipe line in Block 45. ...	143
41.	Laying pipe line in Block 9. ...	906
42.	Laying pipe line in Block 36. ...	1,190
43.	Laying pipe line in Block I. ...	1,297
44.	Laying pipe line in Block 6. ...	3,747
45.	Laying street sewers in Chamundy Extension.	6,169
46.	Laying street sewers in the conservancy lane to the north of Chamundeswari temple. ...	32
47.	Laying pipe line in Block 67. ...	1,688
48.	Laying pipe line from the Kalyani in front of Barr Lines.	534
49.	Laying pipe line in Block 76 ...	675
50.	Laying street sewers in Block 81. ...	501
51.	Forming and cutting foot paths in Doddapetta road from Davoodkhan Amildar street to Rampart wall road. ...	58
52.	Completing the sewage system in Nazarbad.	1,777
53.	Laying pipe line behind Mr.Kantharaja Urs' temple	282
	Lowering, widening and regrading Travellers' Bungalow road from Ookad up to its junction with Bangalore Mysore Road.	1,139
55.	Draining off the sewage and the storm water drain of the area to the south-east of Seeneerkatty. ..	4,199
56.	Laying pipe line in Block 72. ...	258

The following Table gives particulars of sanitary works undertaken in Bangalore City in the year under report.

Statement showing the works of Sanitary Nature carried out during the year by the Bangalore City Municipality.

No.	Division.	Particulars.	Amount of expenditure.	Length of drain.
1.	I.	Drains repaired and newly constructed. ..	3,519	4,227 R.Ft.
	"	Repairing latrines.	736	No. 3.
2.	II & IV.	Drains repaired and new drains constructed with gratings etc.	4,412	2,848
	"	Repairing latrines.	59	No. 1
	"	Repairing markets in 2nd & 4th Divisions.	113	No. 2
3.	III	Drains repaired and newly constructed	4,321	3,093
	"	Repairing urinals and newly constructed.	520	No. 4
4.	V & VI.	Drains newly constructed and an old drain repaired.	10,451	7,401
	"	Repairing latrines and constructed new latrines.	1,287	No. 2.
	"	Repairing slaughter houses.	396	No. 1
5.	VII	Drains repaired and newly constructed.	1,418	1,980½
6.	VIII	Repairing the drains and constructing new drains, etc.	2,941	4,027
7.	IX.	Repairing the drains and constructing new drains.	4,393	4,685
		Total ... Rs	34,666	

Meteorological Conditions in Mysore State in the year 1929.

Rainfall:

The following statement gives the annual rainfall in inches in the different districts with departures from the normal. The total for the year was in excess in all the districts except Bangalore which had a small deficit of 3 per cent. The annual totals for the Hassan and Chitaldrug districts were as much as 22 and 20 per cent in excess of the normal.

Incidence of Rainfall in the Districts during the year 1929.

District.	Actual Rainfall in inches.	Departure from average yearly Rainfall in inches.	Percentage Departure.
Bangalore ...	30.16	— 0.79	— 3
Kolar ...	30.96	+ 2.75	+10
Tumkur . .	27.33	+ 1.18	+ 4
Mysore ...	29.87	+ 1.71	+ 6
Hassan ...	47.28	+ 8.55	+22
Shimoga ...	63.99	+ 7.01	+12
Kadur ...	77.76	+ 4.31	+ 6
Chitaldrug ...	26.42	+ 4.47	+20
State. ...	39.35	+ 3.23	+ 9

The incidence of rainfall in February and April was 377 and 250 per cent respectively more than the average.

In December and March, on the other hand, the rainfall was in deficit by 44 and 81 per cent respectively. On the whole the yearly rainfall for the State was 9 per cent in excess of the normal. The details by months are shown in the following table.

Table 50. Monthly distribution of Rainfall over the Mysore State in the year 1929.

Month.	Actual Rainfall in inches.	Departure from average yearly Rainfall in inches.	Percentage Departure.
January ..	0.20	+0.08	+ 67
February ..	0.62	+0.49	+ 377
March ..	0.06	—0.25	— 81
April ..	5.11	+3.65	+ 250
May ..	4.17	+0.59	+ 16
June ..	4.97	+0.18	+ 4
July ..	6.40	—0.75	— 10
August ..	3.17	—2.06	— 39
September. ..	7.05	+1.87	+ 36
October. ..	4.08	—1.22	— 23
November. ..	3.27	+0.85	+ 35
December ..	0.25	—0.20	— 44
Year ..	39.35	+3.23	+ 9

The total rainfall during the year was 3.58 inches in excess of rainfall in 1928. Analysed by seasons it is seen that in the Inter-Monsoon and South-west Monsoon

periods the rainfall was in excess and in the North-East Monsoon in deficit over previous year's figures. It may be said in general that to a certain extent rains of the North-East Monsoon period failed in some parts of the State.

Seasonal Rainfall in Mysore State.

Season.	Rainfall in inches.	
	1929	1928
Inter-Monsoon period: January to May.	10.16	6.79
South-West Monsoon:- June to September.	21.59	17.57
North-East Monsoon:-October to December.	7.60	11.41
T o t a l ...	39.35	35.77

Temperature:

The mean maximum temperature was above normal practically throughout the year. It was below normal only during April and June. March was the warmest month in the year and the mean temperature for the month was nearly 1 degree above normal. The mean maximum temperature for the year was $0^{\circ}.8$ above the average.

The mean minimum temperature was also above normal nearly all through the year. It was slightly below normal at Bangalore and Mysore during a few months. The excess over normal at Hassan was as much as $3^{\circ}.4$ in February. January was the coldest month in the year and the mean

temperature for the month was 1°.1 above normal. The mean annual minimum temperature was 0°.8 above normal.

The range of temperature was greatest in March and least in June and July and the respective values for the months were 27°.3 and 15°.2.

The mean daily temperature was above normal except during April and June. The excess over normal was greatest in December viz., 2°.2. The yearly mean was 0°.7 above normal.

The maximum temperature was over 100°at Chitaldrug on 5 days during the year (2 in March, 2 in April and 1 in May); the highest temperature for the year was 101°.2 for this station recorded on the 26th March. A temperature of 98° was recorded as the highest for the other 3 stations (viz., Hassan, Mysore and Bangalore) on the 27th and 28th March 1929.

The first week of January was the coldest part of the year. The lowest temperature for the year was 48°.9 registered at Hassan on the 6th January. On the same date the lowest temperature for Mysore and Chitaldrug were recorded viz., 53°.8 and 56°.2 respectively. The lowest temperature for Bangalore viz., 53°.9 was recorded on the 2nd and 5th January.

Humidity and Cloud:

The humidity was in excess during February, April and December and it was not in marked defect during any month. The cloud amount was in excess of the normal in the months of February, April and May.

APPENDIX

APPENDIX A.

List of Places affected with plague in Mysore State as per daily reports received from the Presidents of District Board

Names of Villages & Towns.	Jany.		Feby.		March		April		May		June		July		August		Septr.		Octr.		Novr.		Decr.		Tota	
	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	
BANGALORE DISTRICT:																										
Bangalore Taluk:																										
Bangalore City.	18	17	7	3	4	2	2	1	..	..	2	1	4	2	10	2	5	3	20	14	20	15	11	10	103	70
Allalasundra.	3	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	2
Yadur Nagasandra	1	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.1	2
Manne	..	..	..	..	..	..	2	0	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.2	0
Muddalinganhalli	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	0
Dodbommasandra.	..	..	..	..	..	..	..	..	2	2	..	..	.	..	..	..	..	..	..	..	..	..	..	..	2	2
Viswanathapur.	..	..	..	..	..	..	..	..	..	..	1	0	..	..	..	..	..	..	..	..	..	..	..	..	.1	0
Hessarghatta	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	2	..	..	..	..	2	2
Rachenahalli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	1	..	..	..	..	3	1
Subbarajasettypalya	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	7	4	..	..	..	..	7	4
Keneri	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4	2	..	..	..	..	4	2
Begur.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	6	1	..	..	..	..	.6	1
Hosakote Taluk:																										
Khajee Somanahalli	..	..	12	10	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4	1	16	11
Maliyappanahalli	..	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.1	1
Bilesibale	..	..	2	0	3	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	5	1
Doddanalal	..	..	4	4	8	8	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	12	12
Samlapur	..	..	..	..	2	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	1
Devangundi	..	..	..	..	6	4	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	7	5
Yelachahalli	..	..	..	..	..	..	7	1	..	..	..	..	..	..	..	..	9	7	1	1	..	..	..	..	17	9
Kumalaganhalli	..	..	..	..	..	..	..	..	3	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	3
Mugalbele	..	..	..	..	..	..	..	..	2	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	2
Chintimanagollahalli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	0	..	..	..	..	..	..	..	..	2	0
Chikkahuleur.	..	..	..	..	..	..	..	..	..	..	..	..	1	1	2	1	..	..	..	..	..	..	..	..	3	2
Belavangala	..	..	..	..	..	..	..	..	..	..	..	..	1	1	0	1	..	..	..	..	..	..	..	..	1	2
Thathanur	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	0	..	..	..	..	..	..	..	..	2	0
Kattegenahalli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	5	5	..	..	..	..	..	..	..	..	5	5

Names of villages and Towns.	Jany.		Feby.		March.		April		May.		June.		July.		August		Septr.		Octr.		Novr.		Decr.		Total.	
	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.
BANGALORE DIST.(Contd.)																										
Hosakote Taluk:-																										
Jodigenahalli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	7	6	9	1	..	..	2	2	18	9
Oblapur	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	1	1
Karaponahalli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	1	1
Kodihalli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	2	..	..	..	..	..	..	2	2
Dodakopla	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	1	..	..	..	..	..	..	3	1
Bisvanahalli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	1	1
Therekere	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	0	1	1	1	1	3	2
Begur.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	3	2	5	..	..	5	8
Chickkanathur	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	1	1
Hindignal	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	8	2	8	2
Gonallanahalli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	1	1
Chickkatagahalli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4	0	..	..	4	0
Bendiganahalli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	1	2	1
Kadgodi	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	0	1	0
Dodballapur Taluk:																										
Dodballapur Town	5	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	5	0	10	7	20	10
Sidnayakanahalli	4	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4	1
Bidikere	3	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	2
Vaddalli	0	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0	2
Basettalli	2	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	2
Thippanahalli	2	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	1
Sivapur	..	..	3	1	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	..	4	2
Kamasandra.	..	..	2	1	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	2
Varadanahalli	..	..	3	1	2	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	5	3
Mallahalli	..	..	..	..	3	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	1
Kenchigaralu	..	..	2	2	2	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	2
Kaddichikahalli	..	..	..	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1
Dodaryappanhalli	..	..	..	..	..	..	2	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	2
Hulkunte	..	..	..	..	..	..	..	..	..	..	1	1	..	..	1	0	..	..	..	..	..	..	..	..	2	1
Channadasanpalya	..	..	..	..	..	..	..	..	..	..	3	2	..	..	..	..	..	..	..	..	..	..	..	..	3	2
Gudadahalli	..	..	..	..	..	..	..	..	..	..	..	..	2	0	..	..	..	..	..	..	..	..	..	..	2	0
Arehalligundahalli	..	..	..	..	..	..	..	..	..	..	..	..	15	12	5	1	..	..	..	..	..	..	..	..	20	13
Chamadevi Agrahar	..	..	..	..	..	..	..	..	..	..	..	..	2	0	..	..	..	..	..	..	..	..	..	..	2	0
Nagasandra	..	..	..	..	..	..	..	..	..	..	..	..	.9	2	7	2	7	0	..	..	..	..	..	..	23	4

Names of villages and Towns.	Jany.		Feby.		March		April		May		June		July		August		Septr.		Octr.		Novr.		Decr.		Total.	
	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.
BANGALORE DIST.(Contd.)																										
Dodballapur Taluk:																										
Ramadevanahalli	..	..	..	..	..	..	..	..	..	..	..	..	1	1	4	0	..	..	..	..	..	..	..	..	5	1
Kesavanahalli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	2	..	..	..	..	..	..	..	..	2	2
Chikkarayapanhalli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	..	1	1
Kadanur	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	2	.2	.2	..	..	..	..	..	..	5	4
Dyavasandra.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	1	..	..	..	..	..	..	..	..	2	1
Nelamangala Taluk:																										
Thyamagondlu.	25	18	9	9	..	..	..	..	..	..	..	..	..	..	..	..	10	3	9	9	22	11	2	4	77	54
Shivaganga	5	3	4	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	9	5
Nelamangala Town	..	..	7	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.7	3
Dobespet	..	..	2	0	..	..	..	..	..	..	..	..	..	..	7	5	..	..	..	..	..	..	..	..	9	5
Billankote.	..	..	..	..	10	7	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	10	7
Gundenahalli	..	..	..	..	2	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.2	1
Alur	..	..	..	..	..	..	2	2	..	..	5	3	5	2	8	4	..	..	..	..	..	..	..	..	20	11
Manne	..	..	..	..	..	..	..	..	19	15	13	11	0	1	..	..	..	..	..	..	..	..	..	..	32	27
Oblapura	..	..	..	..	..	..	..	..	..	..	24	15	27	12	2	0	..	..	..	..	..	.	..	..	53	27
Gudegowdanchanhalli	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	..		..	..	..	.1	1
Appagondanahalli	..	..	..	..	..	..	..	..	..	..	4	1	5	3	2	1	..	..	..	..		..	..	..	11	5
Burganahalli	..	..	..	..	..	..	..	..	..	..	..	..	9	9	4	3	..	..	..	..	..	..	..	..	13	12
Kodigebanamahalli	..	..	..	..	..	..	..	..	..	..	..	..	1	0	..	..	..	..	..	..	..	..	..	..	1	0
Hyadal	..	..	..	..	..	..	..	..	..	..	..	..	6	6	2	2	..	..	..	..	..	..	..	..	8	8
Hosahalli	..	..	..	..	..	..	..	..	..	..	..	..	.2	2	..	..	..	..	..	..	..	..	..	..	2	2
Sayappanahalli	..	..	..	..	..	..	..	..	..	..	..	..	5	2	6	4	..	..	..	..	..	..	..	..	11	6
Gubbunur.	..	..	..	..	..	..	..	..	..	..	..	..	1	0	0	1	..	..	..	..	..	..	..	..	1	1
Devarahosahalli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	1	..	..	..	..	..	..	..	..	2	1
Heggandа	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	1	..	..	..	..	..	..	..	..	2	1
Thimmanaikanhalli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	8	4	..	..	..	..	..	..	..	..	8	4
Somsagara	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	1	..	..	..	..	..	..	..	..	3	1
Lakkuru	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	2	..	..	..	..	..	..	..	..	3	2
Barganahalli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	6	5	..	..	..	..	..	..	..	..	6	5
Gollahalli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.2	1	..	..	..	..	..	..	..	..	2	1
Byrasettihalli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	6	3	..	..	..	..	..	..	..	..	6	3
Yelekyathanhalli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	..	1	1
Kamagondanahalli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	..	1	1
Vardanaikanhalli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	5	4	..	..	..	..	..	..	..	..	5	4
Sondekoppa	..	..	..	..	..	..	..	..	..	..	..	..	..	..	10	7	..	..	..	..	..	..	..	..	10	7

Names of villages and Towns.	Jany.		Feby.		March		April		May		June		July		August		Septr.		Octr.		Novr.		Decr.		Total	
	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.
BANGALORE DISTRICT																										
Nelamangala Taluk:																										
Ganganapura.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	2	..	..	..	..	..	..	..	..	3	2
Arsikunte	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	2	..	..	..	..	..	..	..	..	2	2
Byaranahalli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4	1	..	..	..	..	..	..	..	..	4	1
Bannagere	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	..	.1	.1
Magadi Taluk:																										
Lakkasundra) Ajjanahalli) Vartur) Sulivasa)	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	7	7	..	..	..	..	..	..	7	7
Anekal Taluk:																										
Tulegerehalli	2	0	..	..	6	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	8	3
Dommasandra	20	10	6	5	21	15	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	..	..	47	30
Hulimangala	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.1	1
Anekal Town	9	4	10	7	..	..	3	0	2	0	..	..	..	..	..	..	..	..	..	..	..	..	..	..	24	11
Sangasandra	2	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	1
Rachamanahalli	..	..	2	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	2
Haragadde.	..	..	..	..	..	..	2	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	2
Kutaganahalli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	1	..	..	..	..	..	..	..	..	2	1
Handenahalli	.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.3	2	..	..	..	..	3	2
Sollepura	.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	3	..	..	..	..	3	3
Chikkanahalli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.3	1	..	..	..	..	3	1
Sarjapur	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	7	4	7	5	2	2	16	11
Bikkanahalli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4	2	..	..	..	..	4	2
Devanahalli Taluk:																										
Kempalimmahalli	2	0	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	0
Chennarapatna.	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1
Bhatamarhalli	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1
Islapur	..	..	..	..	3	2	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4	3
Mallenahalli	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1
Aredeshalli	..	..	..	..	..	..	..	..	..	..	..	..	11	11	..	..	..	..	..	..	..	..	..	..	11	11
Kurumarkunte	.1	..	..	..	..	..	..	..	..	..	..	..	3	1	..	..	..	..	..	..	..	..	..	..	3	1
Viswanathapur	..	..	..	..	..	..	..	..	..	..	..	..	3	1	..	..	..	..	..	..	..	..	..	..	3	1
Jodiardeshahalli	..	..	..	..	..	..	..	..	..	..	..	..	5	5	..	..	..	..	..	..	..	..	..	..	5	5
Thurbanahalli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	1	1

Names of Villages and Towns.	Jany.		Feby.		March.		April		May.		June		July		August		Septr.		Octr.		Novr.		Decr.		Total.		
	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	X.
BANGALORE DIST.(Contd.)																											
Devanhalli Taluk:																											
Chikkajala	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	3	..	..	..	..	..	..	..	..	.3	3	
Dodasanne	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4	4	..	..	..	..	..	..	4	4	
Jodichennahalli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	1	1	
Koramangala	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	1	1	
Bagalur	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.1	.1	1	1	
Karahalli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	2	2	2	
Closepet Taluk:	..	..	..	..	..	..	..	..	..	..	2	0	..	..	..	..	..	..	..	..	..	..	..	..	2	0	
Closepet Town....																											
Heggala	.	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	..	..	..	1	1	
Jodiaredeshalli	..	..	..	..	..	..	..	..	..	..	..	..	2	2	..	..	..	..	..	..	..	..	..	..	2	2	
Viswanathapur	..	..	..	..	..	..	..	..	..	..	..	..	2	2	..	..	..	..	..	..	..	..	..	..	2	2	
Samamangara	..	..	..	..	..	..	..	..	..	..	..	..	1	1	4	4	..	..	..	..	..	..	..	..	5	5	
Kenchanguppe	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.1	.1	..	..	1	1	
Bidadi	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.2	.1	..	..	2	1	
KOLAR DISTRICT:																											
Kolar Taluk:																											
Vemagal.	..	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	
Kolar Town.	..	..	..	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	
Bowringpet Taluk:																											
Bowringpet Town	..	..	..	..	1	0	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	0	
Malur Taluk:																											
Kodur.	3	0	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.3	0	
Chanagarayapur	2	0	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	0	
Chickballapura.	1	0	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	0	
Sampangere	3	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	1	
Lakkur	..	..	4	3	1	0	..	..	..	..	3	0	..	..	..	..	..	..	..	..	..	..	..	..	8	3	
Kudiyanur	..	..	..	..	..	..	4	1	..	..	..	..	5	2	..	..	..	..	.2	1	2	2	..	..	13	6	
Kurandahalli	..	..	2	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	2	
Jodipura	..	..	1	0	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	0	
Challanahalli	..	..	..	..	..	..	3	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	2	
Nasagere	..	..	..	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	
Jodiramenahalli	..	..	..	..	5	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	5	1	
Irabanahalli	..	..	..	..	4	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4	2	
Kodihalli	..	..	..	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	
Nagondahalli	..	..	..	..	.3	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	2	

Names of Villages and Towns.	Jany.		Feby.		March.		April		May		June		July		August		Septr.		Octr.		Novr.		Decr.		Total.	
	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.
KOLAR DIST.(Contd.)																										
Malur Taluk:																										
Sugondahalli	..	..	..	..	..	..	4	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4	1
Malur Town.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	2	5	2	10	5	17	9
Naramangala	..	..	..	..	..	..	..	..	2	0	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.2	0
Padavanahalli	..	..	..	..	..	..	..	..	1	1	1	1	..	..	..	..	..	..	..	..	..	..	..	..	2	2
Jodimarasandra.	..	..	..	..	..	..	..	..	..	..	..	..	1	0	..	..	..	..	..	..	..	..	..	..	1	0
Yesavanthapur	..	..	..	..	..	..	..	..	..	..	..	..	13	8	..	..	..	..	..	..	..	..	..	..	13	8
Abbehalli	..	..	..	..	..	..	..	..	..	..	..	..	1	0	..	..	..	..	..	..	..	..	..	..	1	0
Manamangala	..	..	..	..	..	..	..	..	..	..	..	..	1	0	..	..	..	..	..	..	..	..	..	..	1	0
Kadanakalli	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	1	1	..	..	..	..	..	..	2	2
Siddanahalli	..	..	..	..	..	..	..	..	..	..	..	..	1	0	..	..	..	..	..	..	..	..	..	..	1	0
Balaganahalli	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	..	..	..	1	1
Vappochahalli	..	..	..	..	..	..	..	..	..	..	..	..	3	3	..	..	..	..	..	..	..	..	..	..	.3	3
Kachanahalli	..	..	..	..	..	..	..	..	..	..	..	..	3	1	..	..	..	..	..	..	..	..	..	..	3	1
Minasandra	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	2	..	..	..	..	..	..	..	..	3	2
Dodajaggalur	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.3	.1	3	1
Chikthirupathi	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	5	0	1	1	..	..	..	..	.6	1
Arohalli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.3	3	..	..	..	..	..	..	3	3
Mylandahalli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	1	..	..	..	..	3	1
Dichihalli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	2	..	..	..	..	.2	2
Nashi	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	9	5	16	15	25	20
Chalaganahalli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	0	..	..	1	0
Indumangala	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	5	2	.0	1	5	3
Ramenahalli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	1	2	1
Nagapur	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	2	2	2
Chintamani Taluk:																										
Upparpet	..	..	..	..	..	..	..	..	..	..	..	..	5	4	..	..	..	..	..	..	..	..	..	..	5	4
Thimasandra	..	..	..	..	..	..	..	..	..	..	..	..	6	4	..	..	3	1	..	..	..	..	..	..	9	5
Kenepalli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	2	..	..	3	2
Kodandvalli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	1	1
Chintamani Town.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.5	3	5	3
Mulbagal Taluk:																										
Tayalur	..	..	.8	8	4	4	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	12	12
Yalachahalli	..	..	..	..	4	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.4	3
Therumanahalli	..	..	..	..	..	..	..	..	..	..	..	..	6	7	..	..	..	..	..	..	..	..	..	..	6	7
Mulbagal.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	4	2	4

Names of Villages and Towns.	Jany.		Feby.		March		April		May		June		July		August		Septr.		Octr.		Novr.		Decr.		Total	
	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.
KOLAR DISTRICT:(Contd.)																										
Sidlaghatta Taluk:																										
Sidlaghatta	..	..	5	1	5	1	..	..	..	..	..	..	2	1	..	..	3	3	2	0	..	..	..	..	17	6
Bodagur.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	4	3	..	..	..	..	..	..	4	3
Taradummanahalli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	14	5	..	..	..	..	..	..	14	5
Kothanur	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	0	..	..	..	..	2	0
Kuthandahalli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	2	2	2
Gunisanadagar	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	3	1	3
Chickballapur Taluk:																										
Hosur	1	0	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	..	..	1	0
Hosahadya	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.1	1
Hosur(Majare of Dodamarali)	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1
Gangamanahalli	3	3	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4	4
Kaduchikkanahalli	2	0	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	0
Gangamavarihalli	2	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	1
Gucalakamahalli	2	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	1
Jatavarhosahalli	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1
Mylappanahalli	2	0	1	1	..	..	..	..	..	..	..	..	2	1	2	1	3	1	1	2	..	..	..	..	11	6
Kandavara	1	0	8	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	9	3
Nandi	..	..	3	0	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4	1
Chiduchikkanahalli	..	..	0	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0	1
Kothanur	..	..	3	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	2
Devasettihalli	..	..	3	2	2	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	5	4
Heriannahalli	..	..	1	1	5	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	6	2
Gerehalli	..	..	..	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1
Jodikhothanur	..	..	..	..	8	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	8	2
Kudivatti	..	..	..	..	..	..	..	..	2	0	..	..	..	..	..	..	..	..	..	..	..	..	2	2	4	2
Dodamarali	..	..	..	..	..	..	..	..	..	..	2	1	3	1	..	.	..	..	..	..	..	..	..	..	5	2
Kolavanhalli	..	..	..	..	..	..	..	..	..	..	3	2	..	..	..	..	..	..	..	..	..	..	..	..	3	2
Sultanpet	..	..	..	..	..	..	..	..	..	..	..	..	1	0	..	..	..	..	..	..	..	..	..	..	1	0
Chiksarahalli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4	1	..	..	..	..	..	..	4	1
Dibbur	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	0	..	..	..	..	..	..	2	0
Thimenahalli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	1	..	..	..	..	2	1
Sappahalli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4	2	..	..	..	..	4	2
Ganganakalve	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	10	1	0	3	..	..	10	4
Settihalli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	5	2	5	2
Agnaguntahalli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4	3	4	3

Names of Villages and Towns.	Jany.		Feby.		March		April		May.		June		July		August		Septr.		Octr.		Novr.		Decr.		Total.	
	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.
KOLAR DIST. (Contd.)																										
Goribidnur Taluk:																										
Honnappanahalli	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1
Guyalahalli	1	0	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	0
Vyachakarhalli	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1
Holenappanahalli	7	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	7	2
Goribidnur.	2	1	10	7	..	..	5	3	1	0	..	..	..	..	..	..	..	..	..	..	1	1	..	..	19	12
Gowdagere	2	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	2
Kalludi	1	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	2
Bheemanahalli	8	4	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	8	4
Maralur	1	0	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	0
Kadalvani	3	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	2
Kandavara	..	..	..	..	0	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0	1
Saragondlu	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	14	3	..	..	..	..	..	..	14	3
Manchanahalli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	0	..	..	..	..	..	..	1	0
Bella Boomasandra	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	~~18~~	..	18	5	..	..	..	..	18	5
Dadinaikanpalya	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	0	..	..	..	..	2	0
Chellanahalli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	1	1
Bettur	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	1	..	..	..	..	2	1
Dodamanakere	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	1	1
Narasimhanahalli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	1	1
Penerlahalli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	1	..	..	2	1
Bellavanahalli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.1	1	..	..	1	1
Sanganahalli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	2	3	2
Srinivasapur Taluk:																										
Srinivasapur	..	..	2	0	8	6	6	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	16	7
Somajajalapalli	..	..	..	..	..	..	3	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	3
Yedarur	..	..	..	..	..	..	..	..	4	4	..	..	1	1	..	..	..	..	..	..	.1	.0	..	..	6	5
Byyapalli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	2	2	1	..	..	..	..	..	..	4	3
Ojalapalli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	10	8	..	..	..	..	..	..	..	..	10	8
Gudibanda Taluk:																										
Gudibanda Town.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.2	0	2	0
TUMKUR DISTRICT:																										
Tumkur Taluk:																										
Tumkur Town.	8	5	5	3	5	3	..	..	1	0	.1	.0	..	..	3	1	14	12	12	4	16	9	21	16	86	53

Names of Villages and Towns.	Jany.		Feby.		March		April		May		June.		July		August.		Septr.		Octr.		Novr.		Decr.		Total	
	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.
TUMKUR DIST. (Contd.)																										
Tumkur Taluk:																										
Kunchangi	25	18	0	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	5	4	4	0	..	..	34	23
Batvadi	1	0	1	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	2
Bevarayapatna.	..	..	2	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	2
Koppa	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	1	..	..	..	..	..	..	..	..	3	1
Halanur	4	2	..	..	1	1	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	..	4	5	10	9
Settyhalli	1	1	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	2
Mydala	..	..	1	0	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	0
Hiritotlakere	..	..	5	3	2	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	3	..	..	10	9
Maranakanapalya	..	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1
Chikkatotlakere.	..	..	3	2	2	2	..	..	..	..	..	..	..	..	..	..	2	1	..	..	..	..	..	..	7	5
Tigalar.	..	..	..	..	8	4	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	8	4
Antarasanahalli	..	..	..	..	6	5	0	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	6	6
Heregandagal	..	..	..	..	3	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	3
Satyamangala	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.8	4	..	..	..	..	..	..	..	..	8	4
Haraloor	..	..	..	..	..	..	..	..	..	..	16	13	5	2	..	..	7	4	..	..	5	3	..	..	33	22
Kalyanapura	..	..	..	..	..	..	..	..	..	..	3	2	..	..	..	..	..	..	..	..	..	..	..	..	3	2
Chicknahalli	..	..	..	..	..	..	..	..	..	..	6	4	14	8	1	3	..	..	..	..	..	..	..	..	21	15
Chickabellavi	..	..	..	..	..	..	..	..	..	..	..	..	16	1	5	4	..	..	..	..	..	..	..	..	21	5
Belagumba	..	..	..	..	..	..	..	..	..	..	..	..	3	2	..	..	..	..	..	..	..	..	..	..	3	2
Navilehalli	..	..	..	..	..	..	..	..	..	..	..	..	3	2	..	..	..	..	..	..	..	..	..	..	3	2
Bommednahalli	..	..	..	..	..	..	..	..	..	..	..	..	2	0	..	..	..	..	..	..	..	..	..	..	2	0
Hirihalli	..	..	..	..	..	..	..	..	..	..	..	..	2	0	..	..	..	..	2	1	..	..	..	..	4	1
Geerahalli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	..	1	1
Nandihalli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	2	1	0	..	..	..	..	..	..	3	2
Uradagere	..	..	..	..	..	..	..	..	..	..	..	..	..	..	13	3	10	9	1	2	3	2	3	3	30	19
Oblapura	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	..	1	1
Hebbake	..	..	..	..	..	..	..	..	..	..	..	..	..	..	18	15	5	1	..	..	..	..	..	..	23	16
Singenahalli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	2	2	1	..	..	..	..	..	..	5	3
Lingapura	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	1	..	..	..	..	..	..	..	..	1	1
Moodlyanapalya	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.2	1	..	..	1	1	..	..	..	..	3	2
Jodigollahalli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	6	4	2	2	..	..	..	..	..	..	8	6
Hirikodthkal	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	..	1	1
Hosahalli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	1	1	0	..	..	..	..	..	..	3	1
Nagappanapalya	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	0	..	..	..	..	..	..	2	0
Honnehalli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	1	1
Bellapura	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	1	1

Names of Villages and Towns.	Jany.		Feby.		March		April		May		June		July		August		Septr.		Octr.		Novr.		Decr.		Total	
	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.
TUMKUR DIST.(Contd.)																										
Tumkur Taluk:																										
Kolihalli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	7	2	..	..	..	..	..	..	7	2
Kaskal	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4	4	..	..	..	..	..	..	4	4
Kuppur	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	0	..	..	..	..	..	..	1	0
Pele Chikkapalya	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	1	1
Kambattanahalli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	3	..	..	1	1	..	..	4	4
Channahalli	..	..	..	..	..	..	.	..	..	..	..	..	..	..	..	..	2	2	..	..	6	1	..	..	8	3
Kattegollahalli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	1	..	..	1	1	..	..	3	2
Tigalaragollahalli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	1	0	..	..	..	..	..	..	1	0
Kindur	.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	1	1	..	..	..	..	1	1
Hiregundkal	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	2	..	..	..	..	3	2
Sivaragollahalli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	0	..	..	..	..	1	0
Kumblur	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	2	..	..	..	..	1	2
Nagavalli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	1	1
Chamanahalli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	2	1	2	..	..	4	4
Arakere	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	1	1
Savadenahalli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	.	..	..	..	1	1
Rangapura	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	1	0	1	..	..	2	2
Bhatasandra	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	1	..	..	..	..	2	1
Brahamasandra	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	7	4	..	..	7	4
Cholanahalli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	2	..	..	2	2
Kottigenahalli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	1	1
Gangala	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	9	5	..	..	9	5
Alagunte	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	3	..	..	3	3
Marnalenapallpalya	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	0	0	1	1	2
Chennenahalli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4	1	..	..	4	1
Devarayapatna	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0	1	..	..	0	1
Sangapura	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	1	..	..	2	1
Beernehale	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	1	1
Kesaremadur	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	5	5	..	..	5	5
Rayapura	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	2	..	..	2	2
Mallappanahalli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	1	1
Kestur	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	2	..	..	2	2
Kumkummanahalli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	0	..	..	1	0
Aregnjainhalli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	1	..	..	3	1
Bellavai	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	2	..	..	2	2
																					..	..	9	9	9	9

Names of Villages and Towns	Jany.		Feby.		March		April		May		June		July		August		Septr.		Octr.		Novr.		Decr.		Total	
	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.
TUMKUR DIST.(Contd.)																										
Tumkur Taluk:																										
Kallahalli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	0	2	0
Roppadapalya	..	..	..	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	2	3	2
Kasaramadur	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	1	1
Alagunte.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	1	3	1
Kodiunddanhalli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.1	.0	1	0
Madhugiri Taluk:																										
Saravanonahalli	..	..	..	..	20	13	..	..	2	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	22	14
Gubbi Taluk:																										
Madhenahalli	2	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	8	8	..	..	10	10
Danoinavara	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1
Gubbi Town.	6	3	2	3	5	3	..	..	..	..	..	..	..	..	7	4	0	4	0	1	..	..	3	1	23	19
Karchalli	..	..	2	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	2
Kottaonkuppe	..	..	1	0	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	0
Jodikondajji	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4	0	..	..	..	..	..	.	..	..	4	0
Kondajji	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	3	..	..	..	..		..	..	..	1	3
Billepalya	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0	2	3	0	..	..		..	..	..	3	2
Masaranghatta	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	5	4	..	..	..	..	..	..	5	4
Chamasakarapatna	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	1	1
Thorchalli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	2	..	..	2	2
Dhombamahalli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	1	2	1
Adagur	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.6	6	6	6
Chikenahalli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.1	1	1	1
Tiptur Taluk:																										
Maragondanahalli	..	..	..	..	..	..	..	..	4	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4	2
Kunigal Taluk:																										
Ayalavanapalya	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	12	9	..	..	12	9
Kortagere Sub-Taluk:																										
Godrahalli	..	..	..	..	3	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	1
Thruvekere Sub-Taluk:																										
Settihalli	4	2	..	..	..	..	..	..	..	..	..	..	..	..	.5	4	..	..	..	..	..	..	..	..	9	6
Uradagere	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	..	1	1
Hebbaker	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	0	..	..	..	..	..	..	..	..	1	0
Arasindahalli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	6	4	..	..	..	..	..	..	6	4
Bevinahalli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	13	7	..	..	..	..	13	7

Names of Villages and Towns.	Jany.		Feby.		March		April		May		June.		July.		August		Septr.		Octr.		Novr.		Decr.		Total.	
	A.	D.	A.	D.	A	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.
TUMKUR DIST.(contd.)																										
Turuvekere Sub-Taluk:																										
Kunhu	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	1	1
Aremallenahalli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	2	.	..	..	..	2	2
Honakere	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4	1	..	..	..	..	4	1
Mudanahalli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	7	5	..	..	7	5
Muniyur	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	0	..	..	1	0
Alallahalli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	5	3	5	3
MYSORE DISTRICT:																										
Mysore Taluk:																										
Mysore City.	12	11	10	6	7	9	3	3	..	..	3	3	6	5	10	8	11	11	10	6	13	10	4	3	89	75
Tiryanakattor	2	1	..	..	..	..	..	..	.	..	..	..	..	..	..	..	..	. .	..	..	..	..	..	..	2	1
Bythahally	3	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	1
Dura	30	9	5	6	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	35	15
Hinkal	10	12	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	10	12
Ugavala	..	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1
Nagavala	..	..	2	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	2
Marballi	..	..	..	..	4	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4	2
Arasinakere	..	..	..	..	2	2	6	0	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	8	2
Anandur	..	..	..	..	3	2	25	1	..	..	..	..	..	..	.	.	..	..	..	..	..	..	..	..	28	3
Kythamanahalli	..	..	..	..	..	..	4	1	..	..	..	..	..	..	9	4	11	9	1	0	..	..	..	..	25	14
Baradanapura	..	..	..	..	..	..	..	..	..	..	..	..	1	0	..	..	..	..	..	..	..	..	..	..	1	0
Chatnahalli	..	..	..	..	..	..	..	..	..	..	..	..	2	1	5	1	..	..	..	..	..	..	..	..	7	2
Dadadahalli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	6	3	4	0	..	..	..	..	..	..	10	3
Kallur Naganahalli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	1	1	..	..	..	..	..	..	2	2
Hoskote	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	6	6	6	6
Chamarajanagar Taluk:																										
Kothalvadi	12	8	3	1	10	1	3	1	..	..	..	..	..	..	..	..	..	..	..	..	11	5	..	..	39	16
Mudalvadi	14	5	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	14	5
Dakleshosur	2	0	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	0
Yanagahalli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	8	3	..	..	..	..	27	14	2	1	37	18
Devalapura	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	2	..	..	..	..	..	..	3	2
Seringapatam Taluk:																										
Karekere	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1
Arekare	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1
French Rocks	11	8	16	7	0	7	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	12	4	39	26

Names of Villages and Towns.	Jany.		Feby.		March.		April		May		June		July		August		Septr.		Octr.		Novr.		Decr.		Total.	
	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.
MYSORE DIST.(Contd.)																										
Seringapatam Taluk:																										
Chandragirikoppal	..	..	5	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	5	2
Ganganur	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	..	..	..	1	1
Darasaguppe	..	..	..	..	..	..	..	..	..	..	..	..	7	5	..	..	..	..	..	..	..	..	..	..	7	5
Kythanahalli	..	..	..	..	..	..	..	..	..	..	..	..	5	3	..	..	..	..	..	..	..	..	..	..	5	3
Ganjam	..	..	..	..	..	..	..	..	..	..	..	..	3	2	..	..	..	..	4	3	..	..	3	2	10	7
Kennul	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	18	7	0	1	..	..	..	..	18	8
Chickadde	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	3	2	1	..	..	..	..	5	4
Seringapatam	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	1	5	2	5	5	1	1	13	9
Cheluvarsinkoppal	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	1	1
Kumbarasettihalli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	5	1	5	1
Hunsur Taluk:																										
Hunsur	14	13	16	10	..	..	..	..	..	..	..	..	2	2	5	5	3	0	..	..	..	..	..	..	40	30
Bilikere	..	..	4	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4	2
Undavadi	..	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1
Kottenalavadi	..	..	7	5	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	7	5
Unddur	..	..	2	0	2	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4	1
Somenahalli	..	..	2	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	1
Bannkuppe	..	..	55	42	3	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	58	43
Hondavahalli	..	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.1	1
Bettadapura	..	..	2	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	1
Hirivyatuahalli	..	..	..	..	..	..	..	..	4	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4	2
Jabagere	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1
Uyyigowdanahalli	..	..	..	..	..	..	..	..	2	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	1
Hosahalli	..	..	..	..	..	..	..	..	..	..	..	..	8	5	..	..	..	..	..	..	..	..	..	..	8	5
Yedatore Taluk:																										
Saligrama	24	12	4	0	2	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.7	0	38	13
Ramapur	..	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1
Inam Hosur	..	..	..	..	2	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	2
Hanasoge	..	..	..	..	..	..	4	1	7	2	1	1	..	..	6	2	7	4	1	0	2	3	..	..	28	12
Karapuravalli	..	..	..	..	..	..	..	..	2	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	1
Bettnikoppal	..	..	..	..	..	..	..	..	..	..	.2	1	..	..	..	..	..	..	..	..	..	..	..	..	2	1
Ballur	..	..	..	..	..	..	..	..	..	..	..	..	7	1	1	0	..	..	..	..	..	..	..	..	8	1
Byadrahalli	..	..	..	..	..	..	..	..	..	..	..	..	1	1	4	2	13	8	13	8	..	..	..	..	31	19
Bherya	..	..	..	..	..	..	..	..	..	..	..	..	..	..	8	3	2	1	1	1	..	..	..	..	11	5
Haramahalli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	0	..	..	..	..	..	..	..	..	1	0
Battagonahalli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	1	0	..	..	2	1

Names of Villages and Towns.	Jany.		Feby.		March		April		May		June		July		August		Septr.		Octr.		Novr.		Decr.		Total	
	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.
MYSORE DISTRICT:(Contd.)																										
Yedatore Taluk:																										
Hebbur	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	0	..	..	2	0
Hadya	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	1	3	1
Heggadadevankote Taluk:																										
Sarvarnayya Kittar.	2	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	1
Boopanahalli	..	..	..	..	3	2	..	..	..	..	..	..	..	..	2	0	..	..	..	..	..	..	..	..	5	2
Magoodlu	..	..	..	..	7	3	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	8	4
Nisana Belatur.	..	..	..	..	..	..	5	3	2	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	7	5
Chikkahalli	..	..	..	..	..	..	..	..	..	..	..	..	27	10	..	..	0	1	..	..	..	..	..	..	27	11
Sargur	..	..	..	..	..	..	..	..	..	..	..	..	2	1	..	..	20	13	11	11	13	9	..	..	46	34
Devalapur	..	..	..	..	..	..	..	..	..	..	..	..	..	..	7	5	0	1	..	..	..	..	..	..	7	6
Thumasoge	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	2	1	1	..	..	..	..	4	3
Yarahalli	..	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..	3	1	..	..	..	..	..	..	3	1
Thotagiri	..	..	..	..	..	..	..	..	..	..	..	.	.	..	..	..	1	1	..	..	..	..	..	..	1	1
Yarahalli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	0	..	..	..	..	..	..	1	0
K. Belathur.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	8	1	..	..	..	..	8	1
Thara	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4	4	..	..	..	..	4	4
Hampapura	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4	1	4	1
Gundlupet Taluk:																										
Begur	5	2	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	6	3
Somanapur	14	14	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	14	14
Terakanambi	9	0	3	8	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	12	8
Bachahally	..	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1
Dodathippur	..	..	2	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	1
Kandagala	..	..	6	3	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	6	3
Gundlupet	..	..	..	..	..	..	..	..	6	3	6	2	15	13	2	1	..	..	..	..	..	..	..	..	29	19
Kalipura	..	..	..	..	..	..	..	..	2	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	2
Hangala	..	..	..	..	..	..	..	..	2	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	2
Sindghatta	..	..	..	..	..	..	..	..	..	..	3	3	..	..	..	..	..	..	..	..	..	..	..	..	3	3
Mukahalli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	3	..	..	..	..	..	..	3	3
Nanjangud Taluk:																										
Nanjangud	7	6	8	5	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	16	12
Hullahally	8	5	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	9	6
Hoskote	..	..	5	0	..	.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	5	0
Sinduvinahally	..	..	..	..	3	1	..	..	..	..	..	..	.	..	..	..	..	..	..	..	..	..	..	..	3	1
Handuvinahally	..	..	..	..	5	4	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	5	4

Names of Villages and Towns.	Jany.		Feby.		March		April		May		June		July.		August		Septr		Octr.		Novr.		Decr		Total	
	A.	D.	A	D.	A.	D.	A.	D.	A.	D	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.
MYSORE DISTRICT.(Contd.)																										
Nanjangud Taluk:																										
Motta	..	..	..	..	.5	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	5	3
Sooravally	..	..	..	..	6	4	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	6	4
Golur	..	..	..	..	..	..	..	..	2	1	..	..	..	..	..	.	..	..	..	..	..	..	..	..	2	1
Kolati	..	..	..	..	..	..	..	..	1	0	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	0
Halale	..	..	..	..	..	..	..	..	3	0	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	0
Nagarle	.	..	..	..	..	.	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	..	1	1
Navalur	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	2	..	..	..	..	..	..	2	2
Yechagundalu	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	1	..	..	..	..	..	..	..	..	3	1
Nerle	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	1	1
Valagere	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	0	..	..	..	..	..	..	2	0
Alagandi	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.8	5	..	..	..	..	..	..	..	..	8	5
Siddiayanahundi	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	0	..	..	..	..	..	..	2	0
Periyapatna Taluk:																										
Periyapatna	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.2	0	2	0
Mandya Taluk:																										
Maddur	5	1	3	0	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	8	1
Kotanahalli	4	4	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4	4
Yeliyur	5	5	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	..	..	5	5
Ummadahally	..	..	5	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	5	2
Mandya	..	..	..	..	7	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.7	3
Honaganahalli	..	..	..	..	..	..	..	..	..	..	3	3	..	..	..	..	..	..	..	..	..	..	..	..	3	3
Krishnarajpet Taluk:																										
Seelanere	5	4	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4	4
Bytarayanakoppal.	0	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0	2
Krishnarajpet.	..	..	.7	.5	..	.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	7	5
Alenahally	..	..	11	7	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	11	7
Sindaghatta	..	..	..	..	3	1	..	..	19	19	5	5	..	..	..	..	..	..	..	..	..	..	..	..	27	25
Jainahalli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.3	2	..	..	3	2
HASSAN DISTRICT:																										
Hassan Taluk:																										
Hassan	1	1	..	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	2
Grama	3	2	3	1	4	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	10	5
KeremandlaKoppal	..	..	..	..	0	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0	1
Gorur	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	0	..	..	1	0

Names of Villages and Towns.	Jany.		Feby.		March.		April.		May.		June.		July.		August.		Septr.		Octr.		Novr.		Decr.		Total	
	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D
MYSORE DIST (Contd.)																										
Nanjangud Taluk:																										
Hallithidde.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	1	..	..	2	1
Makihalli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	1	..	..	2	1
Magadur	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	1	10	1	12	2
-Hediyal.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	3	3	3
T. Narasipur Taluk:																										
Chirravalli	1	0	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	0
Chidarvalli.	6	4	2	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	8	5
Ankanahally (Hamlet Kempe Gowdana Koppal)	2	0	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	0
Attavally	..	..	1	0	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	0
Binakanhalli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	7	4	1	0	..	..	8	4
Megadahalli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	7	7	..	..	7	7
Heggur.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	0	..	..	2	0
Sosale	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4	1	..	..	4	1
Malvalli Taluk:																										
Kalkuni	2	2	..	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	3
Danagur	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	6	6	.	..	6	6

To be inserted after Nanjangud Taluk in the preceding page

Names of Villages and Towns.	Jany.		Feby.		March		April		May		June.		July		August		Septr.		Octr.		Novr.		Decr.		Total.	
	A.	D.	A.	D.	A.	D	A.	D.	A	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D	A	D.	A.	D.	A.	D.
HASSAN DISTRICT:(contd.)																										
Manjerabad Taluk:																										
Belagode	..	..	2	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.2	1
Eswarahalli	..	..	1	1	1	1	..	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	3
Hally Bylu	..	..	..	..	..	..	..	..	..	.	..	..	..	..	3	1	..	..	..	..	..	..	..	..	3	1
Arkalgud Taluk:																										
Arkalgud	2	0	..	..	2	1	3	1	2	1	1	1	10	5	13	5	13	11	3	2	..	..	..	..	46	26
Athni	..	..	..	..	1	0	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	0
Kerlagu	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	1	1
Singanaguppa	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	0	..	..	..	..	1	0
Belur Taluk:																										
Belur Town.	1	2	..	..	..	..	..	..	..	..	5	5	6	1	5	4	2	1	..	..	2	1	..	..	21	14
Halmudi	..	..	..	..	..	..	11	..	11	9	..	..	..	..	..	..	..	..	..	..	..	..	..	..	11	9
Halebeed	..	..	..	..	..	..	..	..	..	..	..	..	..	..	21	7	25	4	1	0	..	..	..	..	47	11
Chennarayapatna Taluk:																										
Chennarayapatna	..	..	..	..	4	2	26	10	20	6	21	5	6	1	..	..	..	..	..	..	..	..	..	..	77	24
Niggihalli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	1	1
Arthur	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	.1	1	1	1
Arsikere Taluk:																										
Arsikere	24	15	3	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	27	17
Bragilghatta	..	..	..	..	..	..	..	..	..	..	..	..	..	..	5	3	..	..	..	..	..	..	..	..	5	3
Holenarsipur Taluk:																										
Holenarsipur	9	3	1	1	..	..	..	..	..	..	.7	1	19	10	11	7	2	3	..	..	6	3	1	0	55	28
Yelespur	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	1	1
Jeju Koppal	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	2	..	..	..	..	..	..	2	2
Alur Sub-Taluk:																										
Alur	..	..	3	2	0	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	3
Kenchanahalli	..	..	..	..	..	..	..	..	..	..	..	..	10	8	3	2	..	..	..	..	..	..	..	..	13	10
SHIMOGA DISTRICT:																										
Shimoga Taluk:																										
Dodaguppanahalli	0	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0	1
Koppa	..	..	..	..	12	10	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	12	10
Bhadravathi	4	1	3	2	..	..	..	..	1	1	..	..	..	..	5	1	..	..	..	..	..	..	..	..	13	5
Shimoga	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	2	9	4	4	3	3	0	18	9
Barandur	..	..	3	0	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4	1
Jannapur	..	..	..	..	3	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	3

Names of Villages and Towns.	Jany.		Feby.		March		April		May		June.		July		August		Septr.		Octr.		Novr		Decr.		Total.	
	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.
SHIMOGA DIST.(Contd.)																										
Shimoga Taluk:																										
Gadikoppa	..	..	..	..	6	0	..	..	..	..	..	..	.0	2	..	..	..	..	..	..	..	..	..	..	6	2
Nallur	..	..	..	..	2	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	2
Malligenahalli	..	..	..	..	..	..	3	0	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	0
Koteganagu	..	..	..	..	..	..	..	..	..	..	..	..	3	2	..	..	..	..	..	..	..	..	..	..	3	2
Madripalya	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	2	..	..	.2	2
Channagiri Taluk:																										
Machanayakanhalli	..	..	..	..	1	1	2	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	2
Nallur	..	..	..	..	3	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	23	12	10	2	36	15
Channagiri	..	..	..	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1
Somashettihalli	..	..	..	..	..	..	..	..	..	..	..	..	7	3	1	1	..	..	..	..	..	..	..	..	8	4
Chamapapura	..	..	..	..	..	..	..	..	..	..	..	..	1	0	..	..	..	..	.0	.1	.6	0	..	..	7	1
Siddapur	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	0	..	..	..	..	..	..	..	..	2	0
Lingadahalli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	62	20	..	..	..	..	..	..	62	20
Basavanhalli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	0	..	..	..	..	..	..	1	0
Kattalagere	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	1	24	11	5	5	32	17
Thyavanagere	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	32	14	8	11	41	26
Garaga	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4	1	8	3	12	4
Agarabanhalli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	2	..	..	2	2
Haralaghatta	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	5	2	..	..	5	2
Gullihalli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4	1	11	9	15	10
Samalapur	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	5	2	5	2
Belalagere	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	0	1	0
Kumbalur	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	1	1
Medenahalli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	2	1	2
Kulambi	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	0	1	0
Sagar Taluk:																										
Bibbige	..	..	..	..	1	0	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	0
Nagar Taluk:																										
Hosa Nagar	..	..	..	..	..	..	1	0	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	1	0
Thirthahalli Taluk:																										
Tirthahalli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	1	1
Surlibeletyle	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	1	1
Honnali Taluk:																										
Madenahalli	..	..	..	..	28	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	11	6	39	8
Kumblur	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.1	1	..	..	1	1

Names of Villages and Towns.	Jany.		Feby.		March.		April		May		June		July		August		Septr.		Octr		Novr.		Decr.		Total.	
	A.	D.	A.	D	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.
SHIMOGA DIST.(Contd.)																										
Honnali Taluk:																										
Honnali	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	4	2	9	3	6	5	7	7	27	18
Arakere	..	..	..	..	..	..	..	..	..	..	..	..	..	..	7	7	1	0	..	..	..	..	..	..	8	7
Thagaranahalli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	0	..	..	7	4	..	..	8	4
Masadi	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	8	4	..	..	8	4
Biragondanhalli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.3	1	..	..	..	..	3	1
Narasagondanhalli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	1	..	..	..	..	3	1
Kundur	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	0	..	..	1	0
Sorthur	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	10	5	7	5	17	10
Sangatagere	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	2	2	2
Gollarahalli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.1	1	1	1
Balimallur	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	0	1	0
Kulamalai	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	1	1
Bamokodu	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	0	1	0
Hunasagatte	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.6	3	6	3
KADUR DISTRICT:																										
Chickmagalur Taluk:																										
Chickmagalur	4	3	..	..	2	1	..	..	..	..	..	..	5	2	2	1	3	3	1	1	10	8	9	5	36	24
Thoragarihankal	2	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	2
Moormanchally Hamlet Chickmaglur Kasaba. ...	..	..	2	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	2
Kalasapur	..	..	..	..	..	..	..	..	..	..	..	.	13	16	3	3	..	..	..	..	..	..	..	..	16	19
Kalhalli	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	..	..	..	1	1
Urdadihalli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	2	..	..	..	..	..	..	..	..	.2	2
Beekanahalli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.1	.0	..	..	1	0
Vaderpura	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	0	..	..	1	0
Kallethimmanahalli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	2	..	..	2	2
Marle	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	9	8	10	9
Sadarahalli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	6	2	..	..	6	2
Sunnahalli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	1	1
Thadenahalli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	1	1
One village	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	5	3	5	3
Amble	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.1	1	1	1
Kadur Taluk:																										
Kadur	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1
Birur	4	2	5	4	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	9	6

Names of Villages and Towns.	Jany.		Feby.		March		April.		May		June		July		August		Septr.		Octr.		Novr.		Decr.		Total	
	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.
KADUR DISTRICT:(Contd.)																										
Kadur Taluk:																										
Hulikere	..	..	..	..	..	..	..	..	..	..	..	..	16	13	23	18	..	..	..	..	..	..	..	..	39	31
Sakrepatna	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	0	..	..	..	..	..	..	1	0
Ketharamanhalli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	1	1
Patnagere	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	11	3	12	4
Nidadhatta	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	1	..	..	3	1
S. Bidare	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	7	7	3	1	10	8
Tarikere Taluk:																										
Neralakere	17	10	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	17	10
Kandaloor	2	0	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	0
Lingadahalli	3	2	1	2	2	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	6	7
Mallenahalli alias Hosur	2	0	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	0
Lakshmi Sagara	..	..	0	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0	1
Chakanahalli	..	..	1	0	2	0	..	..	..	..	..	..	..	..	6	5	..	..	..	..	..	..	..	..	9	5
Mundre	..	..	1	0	1	0	..	..	..	..	..	..	..	..	..	..	..	..	8	3	..	..	2	2	12	5
Siddanahally	..	..	..	..	2	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	2
Kenchikoppa	..	..	..	..	..	..	..	..	..	..	..	..	8	6	..	..	..	..	..	..	..	..	..	..	8	6
Kodigehalli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	6	0	1	2	..	..	1	1	..	..	8	3
Kerehosahalli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	1	6	4	2	1	..	..	..	..	10	6
Germardi	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	1	1	1	..	..	3	2
Makanahalli	..	..	..	..	..	..	..	..	..	..	..	..	6	2	..	..	..	..	..	..	..	..	..	..	6	2
Koranahalli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.8	2	3	1	11	3
Kortagere	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	5	0	..	..	5	0
Hanmasaghatta	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.4	2	..	..	4	2
Lakkmahalli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4	2	2	0	6	2
Samdahalli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	2	..	..	2	2
Baggarahalli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4	2	4	2
Bettadahalli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	1	2	1
Narasimharajapura Taluk:																										
Nandigere	..	..	..	..	3	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	1
CHITALDRUG DIST.(Contd.)																										
Chitaldrug Taluk:																										
Chitaldrug	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	0	4	3	3	2	7	3	15	8
Holalkere Taluk:																										
Holalkere	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	47	33	15	17	..	..	..	..	62	50
Mallanahalli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	5	5	7	6	..	..	..	..	12	11

Names of Villages and Towns.	Jany.		Feby.		March.		April		May		June.		July		August		Septr.		Octr.		Novr.		Decr.		Total	
	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.
CHITALDRUG DIST (Contd.)																										
Holalkere Taluk:																										
Churmahalli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	1	1
Neelenu	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	2	..	..	3	2
Hosahalli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	1	1
Gopinaikantanda	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	1	1
Malladihalli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	7	4	7	4
Davengere Taluk:																										
Harihar	..	..	..	..	..	..	1	1	1	0	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	1
Kakkaragala	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	2	1	..	..	3	2
Davanagere	..	..	..	..	..	..	..	..	..	..	..	..	..	..	9	4	94	65	191	136	19	18	1	2	314	225
Balavammu	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	2	2	7	8	..	..	..	..	9	10
Kakkaragulla	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	0	2	1	1	1	..	..	4	2
Nitapalli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	2	1	1	..	..	3	3
Avengere	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	27	10	3	3	..	..	30	13
Bettur	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	20	12	8	8	..	..	28	20
Mayakonda	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	9	6	5	4	..	..	14	10
Mallgondanhalli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.7	4	..	..	..	..	7	4
Balavanur	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.6	1	..	..	..	..	6	1
Vaddinahalli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	1	..	..	..	..	3	1
Pommenhalli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	2	..	..	..	..	2	2
Naganur	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	3	4	2	..	..	7	5
Kundavada	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	8	6	.	..	8	6
Allur	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	1	1
Kumki	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	2	..	..	2	2
Syanami	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	1	1
Iyaor	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	1	1	..	.	1	1
Anagodu	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	6	6	..	..	6	6
Mallapura	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4	3	..	.	4	3
Malakere	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4	2	..	..	4	2
Gudahalli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	2	..	..	2	2
Jarikatte	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	2	..	..	2	2
Bosapura	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.3	1	..	..	3	1
Anagodu	.	.	..	..	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..	..	.2	2	.	..	2	2
Syabnu	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	1	..	..	3	1
Kundavada	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	2	..	..	2	2
Allur	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.2	.2	..	..	2	2
Molakalmuru Taluk:																										
Devarabuddenhalli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	2	..	..	3	2

Names of villages and Towns.	Jany.		Feby.		March		April		May		June.		July		August		Septr.		Octr.		Novr.		Decr.		Total.	
	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.
CHITALDRUG DIST.(Contd.)																										
Jagalur Taluk:																										
Palaghatta	6	5	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	7	6
Dallaghatta	0	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	8	3	9	4
Tarehally	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	0	..	..	..	..	1	0
Mustikatte	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	0	0	1	4	1	6	2
Bilichodu	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	0	6	3	4	2	13	3
Jagalur	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	1	2	3	8	9	12	16
Holekal	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	0	..	..	1	0
Nilragur	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	5	4	4	3	9	7
Yeralakatte	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	3	2	1	5	4
Hiretakere	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	1	..	..	3	1
Hirearasikere	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	2	..	..	2	2
Marenahalli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	2	2	2
Devikere	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	0	1	0
Mavanahalli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0	1	0	1
Thanalihalli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	1	2	1
Thornaghatta	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..	..	..	..	..	..	..
Harihar Sub-Taluk:																										
Bhanuvalli	..	..	..	..	9	4	..	..	1	1	..	..	..	..	..	..	..	..	..	..	4	3	1	0	15	8
Harihar	..	..	..	..	..	..	..	..	..	..	4	4	15	8	31	33	59	41	58	51	7	4	..	..	170	137
Amaravathi	..	..	..	..	..	..	..	..	..	..	..	..	5	4	8	8	..	..	..	..	..	..	..	..	17	16
Lakkisettihalli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	2	1	0	..	..	..	..	..	..	3	2
Dalihole	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	1	8	3	12	6	..	..	2	2	24	12
Dogalli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.4	0	4	5	.	..	..	..	..	..	8	5
Dettor	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	3	..	..	..	..	..	..	3	3
Anagavadi	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	21	8	6	3	3	6	..	..	30	17
Arahalli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	.1	1
Malebennur	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	1	1	1	10	11	14	7	28	20
Haragavadi	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	2	2	0	..	..	3	2
Mayakonda	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	1	..	..	..	..	2	1
Belludi	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	0	12	9	14	9
Ramathenka	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	1	1
Ballapura	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	4	.2	.0	5	4
Sigere	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	0	..	..	3	0
Heddane	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	0	..	..	1	0
Sarathi	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	5	2	5	2
Kondajji	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	2	2	2

Names of Villages and Towns.	Jany.		Feby		March		April		M a y.		June.		July		August		Septr.		Octr.		Novr.		Decr.		Total	
	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.
CHITALDRUG DIST.(Contd.)																										
Harihar Sub-Taluk:																										
Barikodu	...	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	1	1
Junivallu	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	1	1
Haralahalli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	1	2	1
Total for the State	503	319	377	249	348	199	110	37	120	82	166	100	453	274	536	332	701	407	705	449	679	446	469	299	5176	3183

R.B.

Names of Villages and Towns	Jany.		Feby.		March.		April.		May.		June.		July		August		Septr.		Octr.		Novr		Decr.		Total.	
	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D	A.	D.	A.	D.	A.	D.	A.	D.
BANGALORE DISTRICT:																										
Bangalore Taluk:																										
Bangalore City.	11	2	13	4	19	2	26	11	24	6	6	4	5	2	1	0	1	1	1	0	..	..	..	..	107	32
Hosakote Taluk:																										
Vagata	.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	3	..	..	..	..	..	..	3	3
Anekal Taluk:																										
Anekal	..	..	..	..	..	..	..	..	2	0	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	0
Devanahalli Taluk:																										
Thindlu	..	..	..	..	..	..	..	..	..	..	..	..	3	2	..	..	..	..	..	..	..	..	..	..	3	2
Closepet Taluk:																										
Malehalli	..	..	..	..	..	..	..	..	..	..	..	..	2	1	1	1	4	3	..	..	..	..	..	..	7	5
Hosur	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	..	1	1
Vagata	.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	3	..	..	..	..	..	..	3	3
KOLAR DISTRICT:																										
Kolar Taluk:																										
Kolar	..	..	..	..	..	..	..	..	1	0	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	0
Kudiyanoor	..	..	..	..	..	..	..	..	.4	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4	1
Bowringpet Taluk:																										
Bowringpet	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	0	1	0
Kolar Gold Field.	35	13	17	4	40	7	10	4	12	2	5	2	6	1	2	1	4	1	4	1	4	0	1	0	140	36
Mageri	14	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	14	1
Honnasanahalli	1	0	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	0
Malur Taluk:																										
Kudiyanur	..	..	8	8	15	9	0	2	4	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	27	20
Chakkanahalli	..	..	1	0	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	0
Kuntanahalli	..	..	..	..	..	..	1	0	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	0
Dyapasandra	..	..	..	..	..	..	.4	.0	.0	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4	1
Settihalli	..	..	..	..	..	..	..	..	2	2	1	1	..	..	..	..	..	..	..	..	..	..	..	..	3	3
Malur.	..	..	..	..	..	..	..	..	46	17	0	4	..	..	.	..	..	..	..	..	..	..	..	..	46	21
Sethanaiyakanhalli	..	..	..	..	..	..	..	..	.3	0	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	0
Thalakunte	..	..	..	..	..	..	..	..	..	..	4	4	..	..	..	..	..	..	..	..	..	..	..	..	4	4
Hesandahalli	..	..	..	..	..	..	..	..	..	..	2	2	..	..	..	..	..	..	..	..	..	..	..	..	2	2
Jodimarasandra.	..	..	..	..	..	..	..	..	..	..	3	0	1	0	.	..	..	..	..	..	..	..	..	..	4	0
Dodjaggalur	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	10	3	..	..	..	..	..	..	10	3
Chickballapur Taluk:																										
Chickballapur.	..	..	..	..	..	..	4	2	6	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	10	4

Names of Villages and Towns.	Jany.		Feby.		March		April		May		June		July		August		Septr.		Octr.		Novr		Decr.		Total	
	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.
KOLAR DIST.(Contd.)																										
Goribidnur Taluk:																										
Goribidnur	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	...	..	.1	0	1	0
Srinivasapur Taluk:																										
Srinivasapur	..	..	..	..	..	..	..	..	..	..	1	0	..	..	..	..	..	..	..	..	..	..	..	..	1	0
Settihalli	..	..	..	..	2	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	2
Kallur	..	..	..	..	..	..	..	..	..	..	1	0	.	..	..	..	..	..	..	..	..	..	..	..	1	0
Alamagere	..	..	..	..	..	..	..	..	..	...	4	0	..	..	..	..	..	..	..	..	..	..	..	..	4	0
Nagadenahalli	..	..	..	..	..	..	..	..	..	..	24	5	..	..	..	..	..	..	..	..	..	..	..	..	24	5
Gudibanda Taluk:																										
Gudibanda	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.3	0	2	0	5	0
TUMKUR DISTRICT:																										
Tumkur Taluk:																										
Tumkur	..	..	4	0	2	1	10	1	2	0	3	0	..	..	..	..	..	..	..	..	..	..	..	..	21	2
Madhugiri Taluk:																										
Madhugiri	13	5	..	..	.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	13	5
Maraballi	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.0	1	..	..	0	1
Sira Taluk:																										
Sira	1	0	..	..	..	..	..	..	0	1	..	..	..	..	..	..	..	..	..	..		0	..	..	3	1
Tiptur Taluk:																										
Tiptur.	..	..	..	..	..	..	..	..	1	0	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	0
Maragondanahalli	..	..	..	..	..	..	..	..	4	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4	2
MYSORE DISTRICT:																										
Mysore Taluk:																										
Mallahally	..	..	..	..	7	6	9	4	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	16	10
Dodkatur	..	..	..	..	..	..	..	..	10	4	..	..	..	..	..	..	..	..	..	..	..	..	..	..	10	1
Chamarajanagar Taluk																										
Ramasandra.	1	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	2
Chamarajanagar.	6	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	6	2
Seringapatam Taluk:																										
Melkote	7	0	1	0	1	1	..	..	..	..	..	..	..	..	...	..	..	..	..	..	..	..	..	..	9	1
Samboonahalli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	3	..	..	..	..	3	3
Heggadadevankote Tk:																										
Chikkahalli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0	1	..	..	..	..	..	..	..	..	0	1
Hyrige	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4	0	..	..	..	..	..	..	..	..		0
Agasanahundi	..	..	..	..	..	..	..	..	..	..	..	..	..	..	13	2	..	..	..	..	..	..	..	..	13	2
Malvalli Taluk:																										
Byadarahalli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	1	..	..	..	..	..	..	..	..	3	1
Annur	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	15	2	15	2

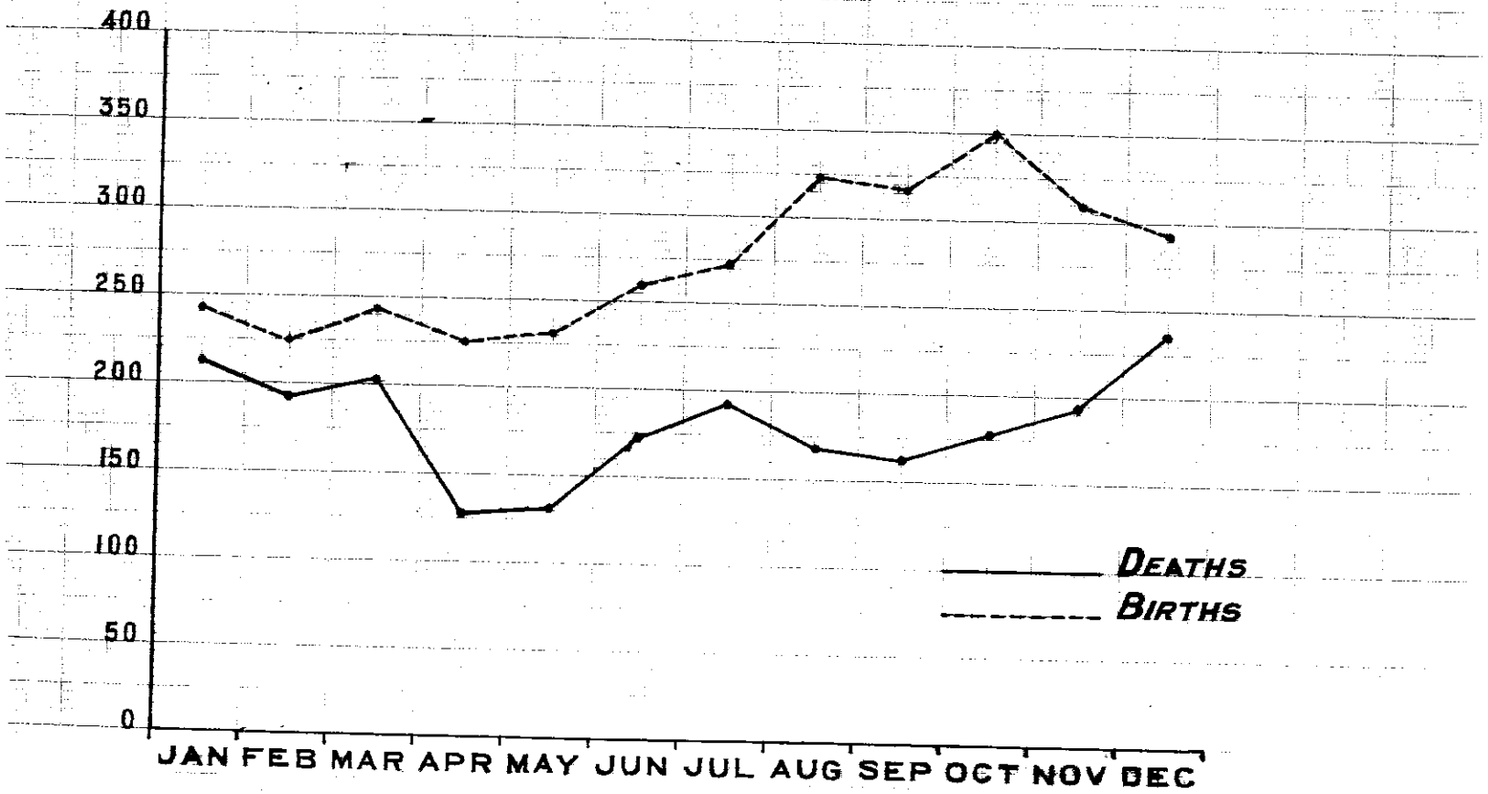
Names of Villages and Towns.	Jany.		Feby.		March.		April		May		June		July		August		Septr.		Octr.		Novr.		Decr.		Total.	
	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.
HASSAN DISTRICT:																										
Hassan Taluk:																										
Grama	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4	2	..	..	4	2
Chikkakadur	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	0	1	0
Manjerabad Taluk:																										
Belagode.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	0	..	..	..	..	..	..	..	..	3	0
HallyBylu.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	1	..	..	..	..	..	..	..	..	3	1
Arakalagud Taluk:																										
Mallipatna.	..	..	..	..	9	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	9	3
Yedane	..	..	..	..	..	..	1	0	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	0
Hanagal	..	..	..	..	..	..	..	..	3	0	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	0
Arakalgud.	..	..	..	..	..	..	.	..	..	..	7	0	..	..	..	..	..	..	..	..	..	..	..	..	7	0
Belur Taluk:																										
Narvepet	..	..	..	..	1	0	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	0
Arehalli	.	..	..	..	..	..	4	0	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4	0
Karagodu	..	..	..	..	..	..	..	..	3	0	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	0
Mallenahalli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	5	0	..	..	..	..	5	0
Channarayapatna Tk:																										
Kantarajapur.	..	..	..	..	..	..	..	..	..	..	..	..	4	2	..	..	..	..	..	..	..	..	..	..	4	2
Arsikere Taluk:																										
Mallapura	..	..	..	..	..	..	4	0	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4	0
Holenarsipur Taluk:																										
Holenarsipur	..	..	..	..	..	..	..	..	..	..	.1	.0	2	0	..	..	..	..	5	1	6	4	..	..	14	5
Mangalvadi	..	..	..	..	2	0	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	0
Nagalavadi	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	0	..	..	..	..	..	..	..	..	1	0
Kunche	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	0	..	..	1	0
Mallappanhalli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	1	..	..	3	1
Bagnial	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.3	1	..	..	3	1
Badavinabachanhalli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	6	0	6	0
SHIMOGA DISTRICT:																										
Shimoga Taluk:																										
Koppa	10	0	..	..	..	..	10	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	20	2
Holehonnur	22	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	22	1
Kallihalu	10	0	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	10	0
Kodihalli	1	0	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	0
Shimoga	..	..	..	..	9	1	..	..	..	..	..	..	..	..	..	..	..	..	15	12	12	5	131	39	167	57
Arabilchi	19	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	19	2
Bhadravathi	2	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	0	..	..	..	..	..	..	3	1

Names of Villages and Towns.	Jany.		Feby.		March.		April.		May.		June.		July		August		Septr.		Octr.		Novr.		Decr.		Total	
	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.
SHIMOGA DISTRICT:(Contd.)																										
Shimoga Taluk:																										
Nagasandra.	..	..	..	..	..	..	1	0	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	0
Madripalya	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	0	..	..	..	..	..	..	..	..	2	0
Purle	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	1	1
Gurupura.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	0	..	..	3	0
Honnali Taluk:																										
Haraganahalli	..	..	2	0	2	0	1	0	5	2	1	0	..	..	..	..	..	..	..	..	..	..	..	..	11	2
Kattige	..	..	..	..	5	1	7	0	22	0	..	..	..	..	..	..	..	..	..	..	..	..	..	..	34	1
Thenglihalli	..	..	..	..	5	2	2	1	4	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	11	4
Kumblur	..	..	..	..	..	..	8	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	8	2
Kenchikoppa	..	..	..	..	..	..	7	0	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	7	0
Didagur	..	..	..	..	..	..	1	0	..	..	..	..	..	..	..	..	2	0	..	..	2	0	..	..	5	0
Honnali	..	..	..	..	..	..	1	0	..	..	..	..	..	..	14	3	..	..	..	..	..	..	..	..	15	3
Hiregonigere	..	..	..	..	..	..	1	0	..	..	..	..	4	0	9	2	..	..	..	..	..	..	..	..	14	2
Danihalli	..	..	..	..	..	..	1	1	..	.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1
Bidaragoddi village	..	..	..	..	..	..	..	..	..	..	1	0	0	1	4	0	2	0	..	..	..	..	..	..	7	1
Balamuri village.	..	..	..	..	..	..	..	..	..	..	4	0	..	..	..	..	..	..	..	..	..	..	..	..	4	0
Halemadapura	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	0	..	..	..	..	..	..	..	..	2	0
Kotemallur	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	0	..	..	..	..	..	..	2	0
Masadi	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	0	..	..	..	..	1	0
Chickgonigere	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	0	..	..	..	..	2	0
Holeharahahalli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	0	..	..	..	..	2	0
Shikarpur Taluk:																										
Chierhagundi	..	..	5	2	5	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	10	5
Thirthahalli Taluk:																										
Agumbe	..	..	..	..	6	0	0	1	2	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	8	2
Bhimanakatta	..	..	..	..	9	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	9	2
Tirthahalli	..	..	..	..	..	..	1	0	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	0
Archalli	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1
Konandur	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	0	1	0
Kumsi Sub Taluk:																										
Ayanur	..	..	..	..	..	..	..	..	..	..	3	0	1	0	1	0	..	..	..	..	..	..	..	..	5	0
KADUR DISTRICT:																										
Chickmagalur Taluk:																										
Chickmagalur.	..	..	..	..	4	1	..	..	..	..	4	1	..	..	..	..	..	..	..	..	..	..	1	0	9	2

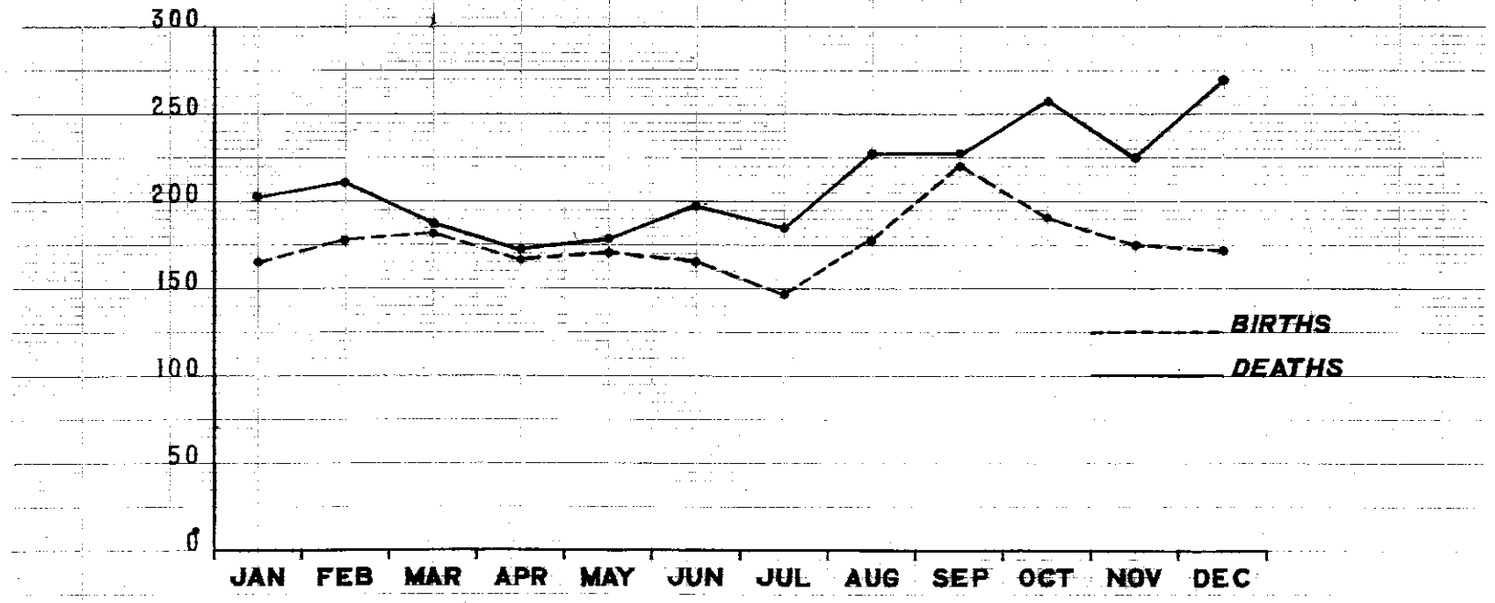
Name of Villages and Towns	Jany.		Feby.		March.		April.		May.		June.		July		August		Septr.		Octr.		Novr.		Decr.		Total.	
	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.
KADUR DISTRICT:(Contd.)																										
Tarikere Taluk:																										
Kamandurga	..	..	..	..	..	..	..	..	2	0	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	0
Koppa Taluk:																										
Mel Beelra	..	..	3	2	9	2	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	13	5
Chawalmane	..	..	..	..	2	0	6	0	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	8	0
Bhandigadi	..	..	..	..	..	..	..	..	7	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	7	1
Sallebyle	..	..	..	..	..	..	..	..	..	..	..	..	2	0	..	..	..	..	..	..	..	..	..	..	2	0
Koppa	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	2	2	2
Mudigere Taluk:																										
Mudigere.	..	..	..	..	3	0	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	0
CHITALDRUG DISTRICT:																										
Challakere Taluk:																										
Chitranaikanhally	..	..	..	..	..	...	1	0	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	0
Challakere	..	..	..	..	..	..	6	0	1	0	..	..	..	..	..	..	..	..	..	..	..	..	..	..	7	0
Hanavigondanhalli.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	7	0	..	..	..	..	7	0
Derggavara	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	.5	0	..	..	..	..	5	0
Davangere Taluk:																										
Kolkunte	..	..	24	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	24	2
Total for the State	153	29	80	25	169	44	130	34	173	44	75	23	30	9	64	13	32	14	51	18	43	14	163	43	1163	311

R.B.

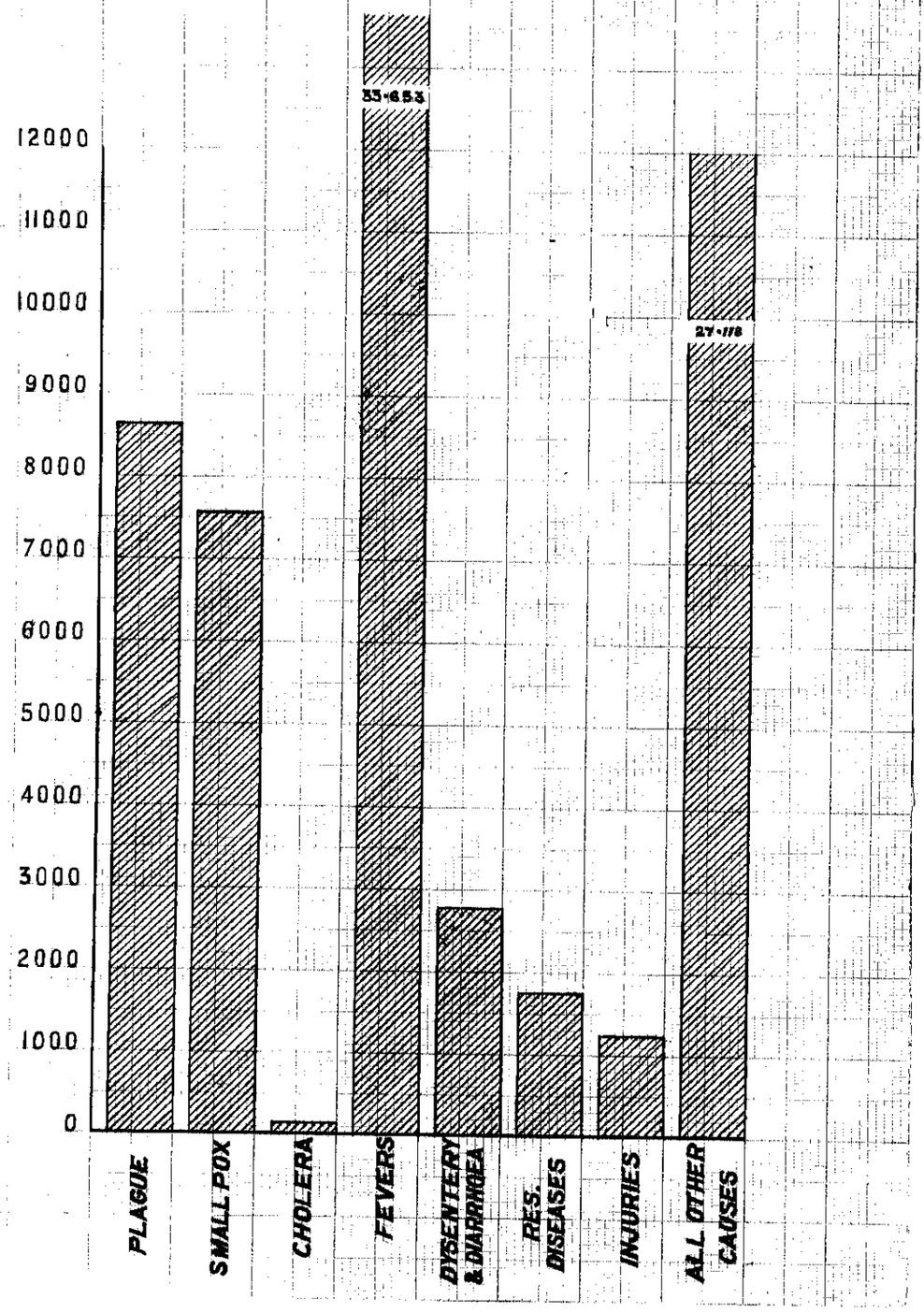
NUMBER OF BIRTHS & DEATHS BY MONTHS IN KOLAR GOLD FIELDS DURING THE YEAR 1929

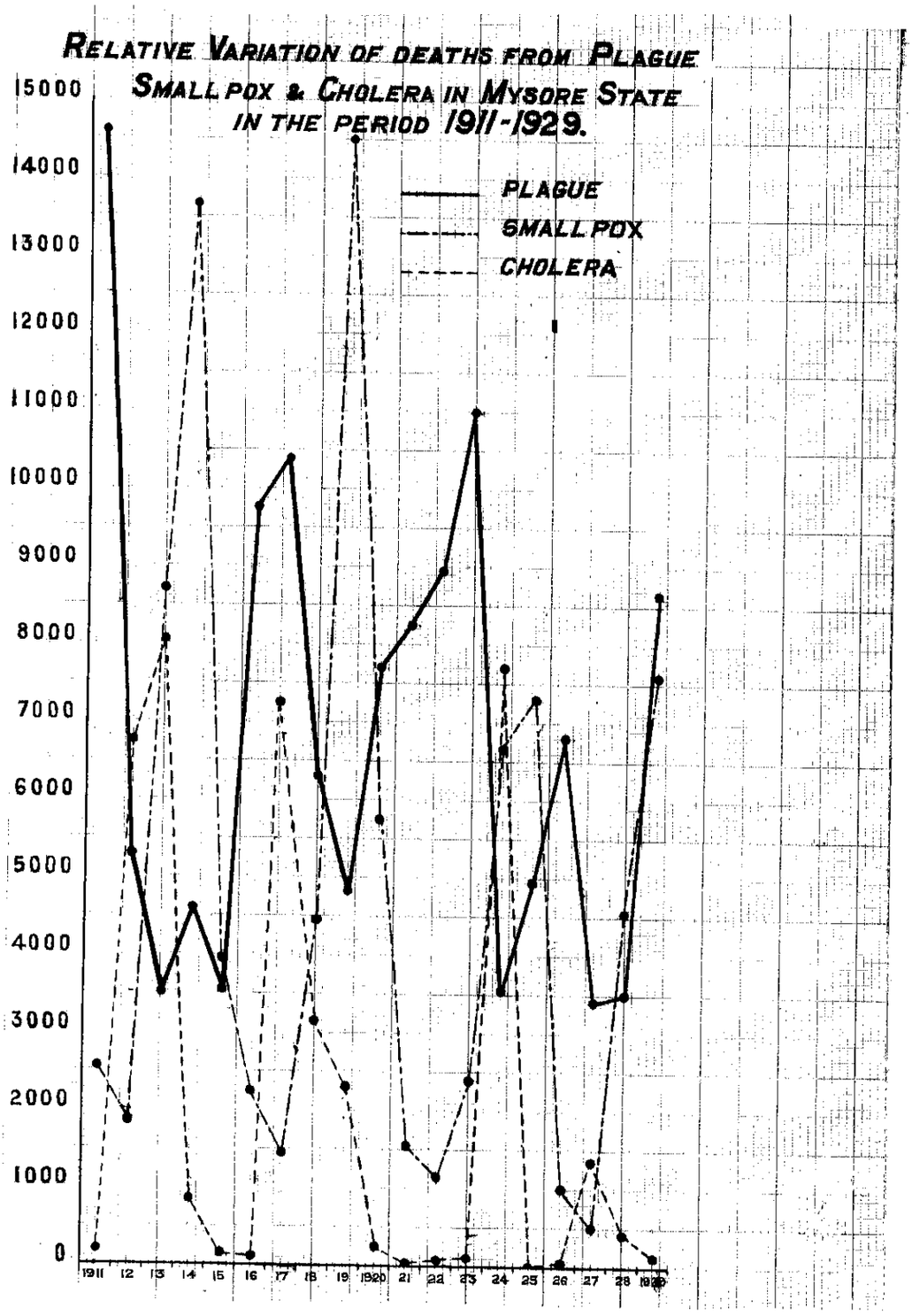


NUMBER OF BIRTHS & DEATHS BY MONTHS IN MYSORE CITY
DURING THE YEAR 1929

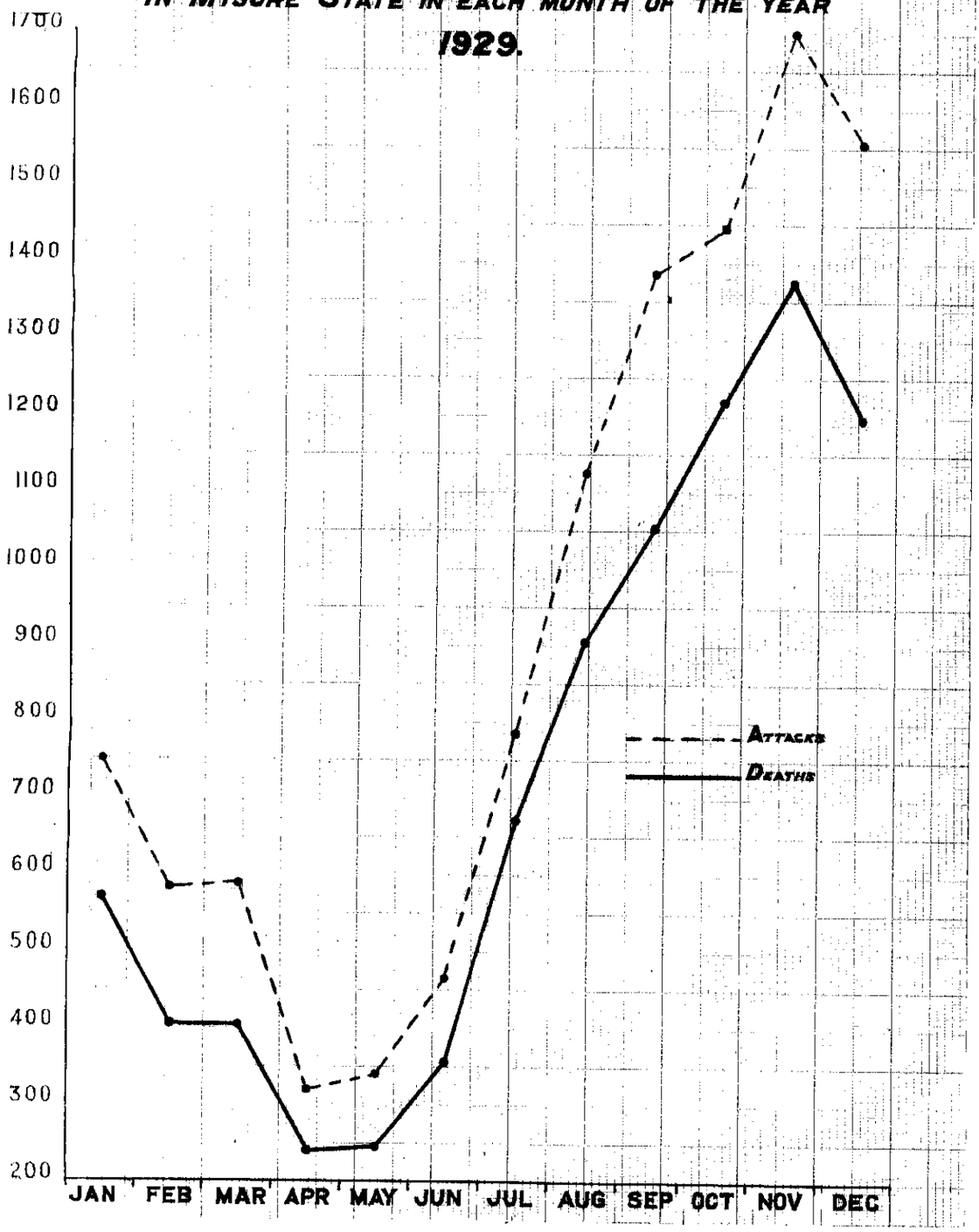


DEATHS REPORTED FROM THE FOLLOWING CHIEF DISEASES IN MYSORE STATE IN THE YEAR 1929




RELATIVE VARIATION OF DEATHS FROM PLAGUE
SMALL POX & CHOLERA IN MYSORE STATE
IN THE PERIOD 1911-1929.
PLAGUE
SMALL POX
CHOLERA
15000
14000
13000
12000
11000
10000
9000
8000
7000
6000
5000
4000
3000
2000
1000
0
1911
12
13
14
15
16
17
18
19
1920
21
22
23
24
25
26
27
28
1929

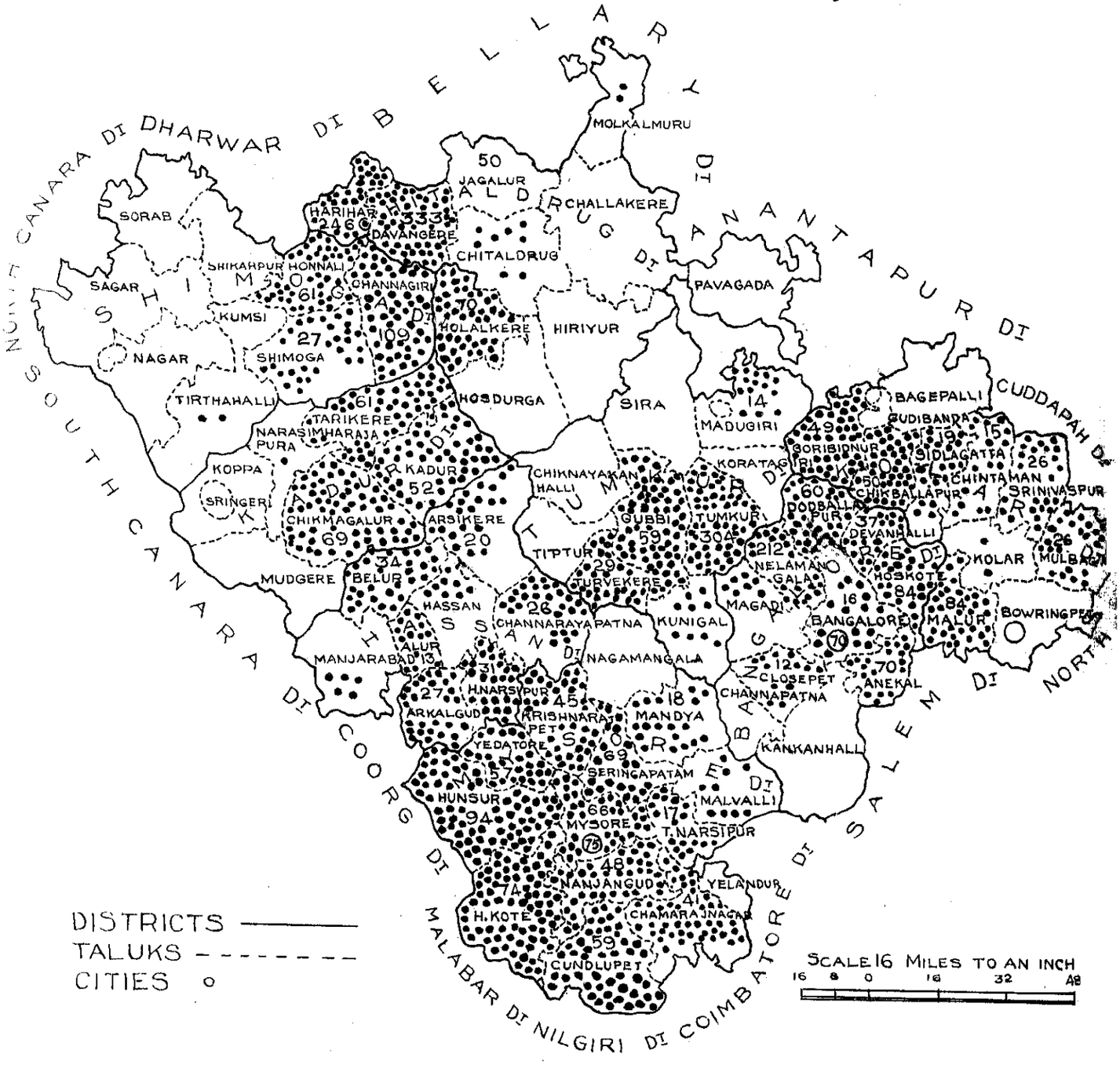
Relative frequency of attacks & Deaths from Plague in Mysore State in each month of the year 1929.



MYSORE STATE

PLAGUE

(INDICATES 1 REPORTED DEATH)
(NUMBERS INDICATE TOTAL REPORTED DEATHS)



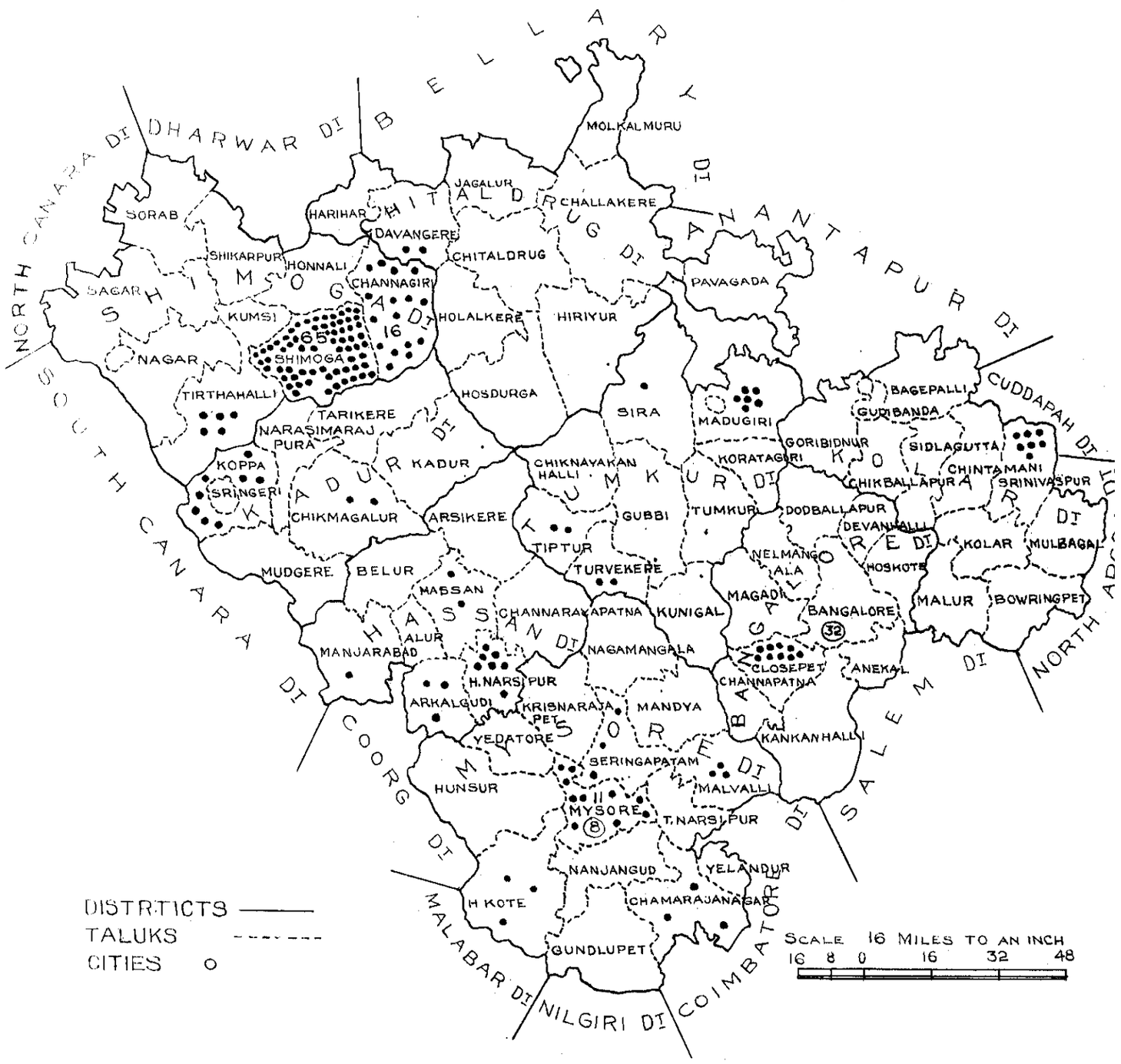
JANUARY 1, TO DECEMBER 31, 1929.

MYSORE STATE

SMALLPOX

(INDICATES 1 REPORTED DEATH)

(NUMBERS INDICATE TOTAL REPORTED DEATHS)



DISTRICTS ——

TALUKS - - - - -

CITIES o

SCALE 16 MILES TO AN INCH

16 8 0 16 32 48

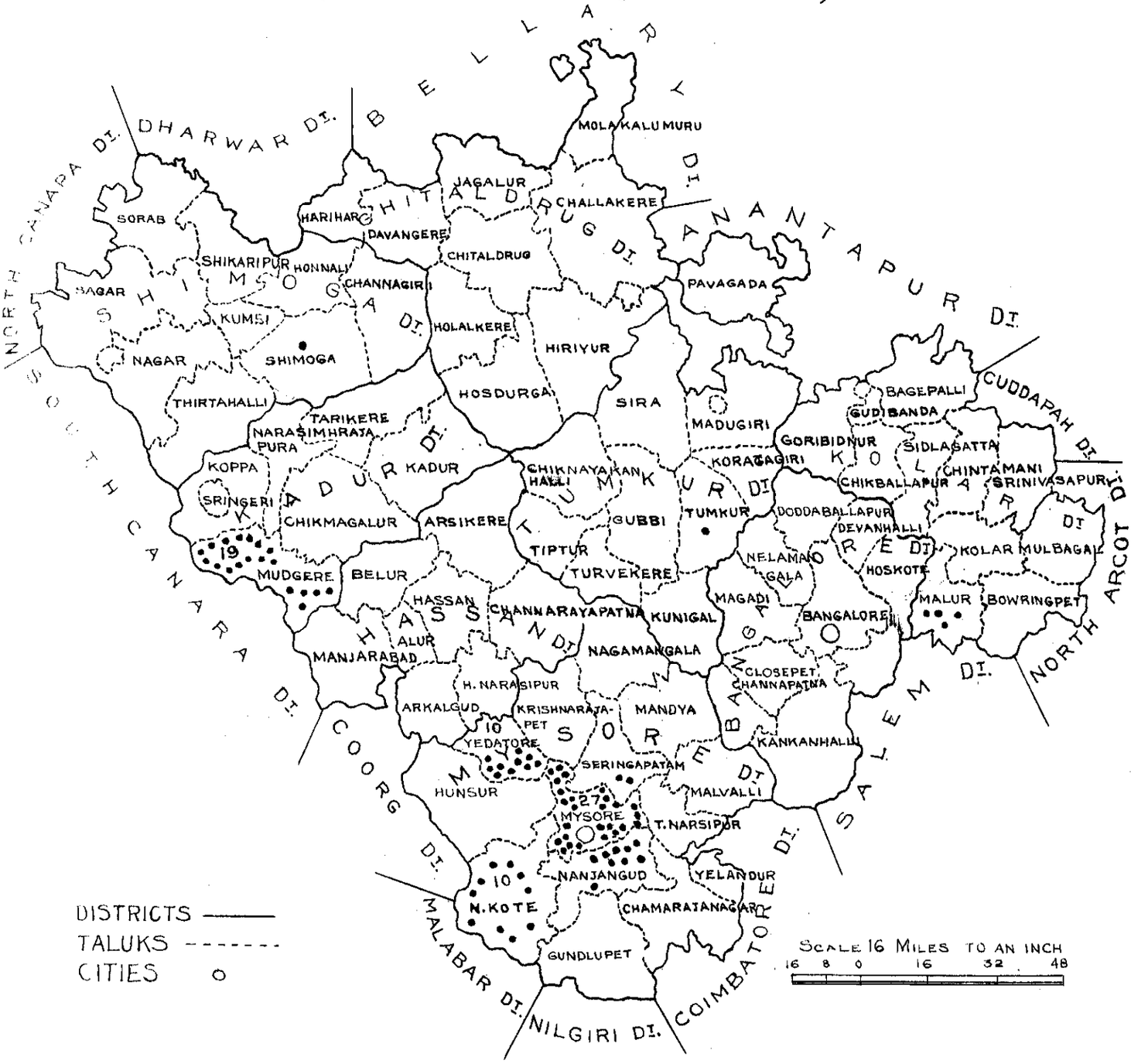
JANUARY 1, TO DECEMBER 31, 1929.

MYSORE STATE

CHOLERA

(• INDICATES 1 REPORTED DEATH)

(NUMBERS INDICATE TOTAL REPORTED DEATHS)



JANUARY 1, TO DECEMBER 31, 1929.

MYSORE DEPARTMENT OF HEALTH

The following Bulletins are published by Government.

No. 1. **Report on a Health Survey of Mysore**—
By Dr. W. C. Sweet, B.Sc., M.D., C.P.H., Field Director, International Health Division, Rockefeller Foundation, Consultant in Health in Mysore, 1928.

No. 2. **Report on Tuberculosis in the Mysore State**—
By Dr. P. S. Chandrasekhar, M.D., sometime Officer in charge of Tuberculosis Survey in Mysore, 1928.

No. 3. **Report on a Sanitary Survey of the City of Bangalore for the year 1927**—
By Dr. B. Mahomed Usmon, L.M.S., (Retired) Senior Surgeon and Sanitary Commissioner with the Government of Mysore, Bangalore, 1928.

No. 4. **Guinea-worm Disease in the State**—
By Dr. J. V. Karve, M.B., Ch.B., D.P.H., Director of Health in Mysore, Bangalore, 1929.

No. 5. **Report of the Delegation of the British Social Hygiene Council, (Inc.) to the Government of Mysore, 1929.**

No. 6. **Report on the Present Status of Birth, Death and Epidemic Disease Reports in Mysore District, Bangalore City and Kolar Gold Fields with suggestions for Improvement**—
By Mr. E. R. Sundararajan, M.A., (Hons.), Vital Statistician, Bureau of Vital Statistics, Mysore Department of Health, 1929.

No. 7. **A Survey of Mysore State for Enlarged Spleens and for Hookworm and other Helminthic infections**—
By Dr. W. C. Sweet, B.Sc., M.D., C.P.H., Field Director, International Health Division, Rockefeller Foundation, Consultant in Health in Mysore, 1929.

SUBJECT.....

.....

.....

Section Sam

File No.

Serial No.

No. 9./3858

Diary No. of letter replied to.....

General and Revenue Secretariat

( )

the *193*

To

The Director of Health

Date of issue 27.5.30

Signed by..... Mr. N.D. Rao

Sir,

I am directed

request that the

noted reports may

be expedited as

already overdue

I have.

(1) Quarterly report of the Insurance Dept of Health for the quarter ending march 1930

2 Administration Report of the public Health Dept for the calendar year 1929

22/5

List of enclosures.....

Copied by.....

Examined by.....

GOVERNMENT OF HIS HIGHNESS THE MAHARAJA OF MYSORE,
PUBLIC HEALTH DEPARTMENT

In reply please quote
No. Pen.Y.15

OFFICE OF THE DIRECTOR OF HEALTH WITH THE GOVERNMENT OF MYSORE,

Bangalore, dated the 30th May 1930

Enc.....

Tele { gram -SENORGEN.
phone No. 27.

GENERAL MISCELLANEOUS BRANCH 7467 31 MAY 1930

FROM

J. V. KARVE, Esq., M.B., ch.B., (Edin.), D.P.H., (LONDON),
Director of Health with the Government of
His Highness the Maharaja of Mysore,
Bangalore.

To

31 MAY 1930 CHIEF

T. Madhava Rao, Esqr., B.A., B.L.,
Chief Secretary to the Government of
His Highness the Maharaja of Mysore,
B a n g a l o r e.

SIR,

Your letter No. G. 12858/Sany dated the 17th May 1930, regarding Administration Report of the Public Health Department for the Calendar year 1929.

With reference to the above, I have the honour to state, I will not be able to submit the report till the 1st week of July as the statistical statements are not ready owing to their non-receipt from two districts.

I have the honour to be
Sir,
Your most obedient servant,

Director of Health.

Will May the receipt of the report be sent till the 10th of July 30?

(Chief Secy)

CHIEF SECRETARY. 4 JUNE 1930

Issued vide C25 dt 17.7.30

GOVERNMENT OF HIS HIGHNESS THE MAHARAJA OF MYSORE,
PUBLIC HEALTH DEPARTMENT.

In reply please quote
No. Pen.S.1573

OFFICE OF THE DIRECTOR OF HEALTH WITH THE GOVERNMENT OF MYSORE,

Bangalore, dated the 12th July **1930**

Enc.....

517

Tele { *gram*—SENORGEN.
phone—No. 27.

FROM

J. V. KARVE, Esq., M.B., ch.B., (Edin.), D.P.H., (LONDON),
Director of Health with the Government of
His Highness the Maharaja of Mysore,
Bangalore.

14 JULY 1930

Madhava Rao, Esq., B.A., B.L.,
Chief Secretary to the Government of Mysore,
B a n g a l o r e.

SIR,

With reference to your letter No. G. 625/Sany. dated 12th July 1930 calling for the Administration Report of this Department for Calendar year 1929, I have the honour to state that it is almost ready, and I hope to submit it to Government in the course of the next week.

I have the honour to be

Sir,

Your most obedient servant

19/7

Director of Health.

Appendix F G—1

SUBJECT.....

.....

.....

Section Sav

File No. 16-31

Serial No. 2

No. G/385/Encl/Reprt.

Diary No. of letter replied to.....668.....

General and Revenue Secretariat

( )

the *193*

To The Supdt Govt Press

Sir

Dated of issue.....4.8.30.....

Signed by.....Mr. N. D. Rao.....

In forwarding herewith a copy of the Annual Report of Public Health in State for the year 1929, I am directed to request you to be so good as to have it set up in type & kept ready 550 Copies printed & kept ready for being bound with an open binding with the font reverse which will be sent to you in due course.

List of enclosures.....(in 9 1/10 X 6 1/10 size)

Copied by.....

Examined by.....

Proof

Proofs may be sent
to Dir of Health for appl
for Pros are kindly
made off

Shanecbe

Chief of Staff

-G/380.

My letter above forwarded
complete to the Dir of Health
refer to his letter no Pr.G
12nd/1 dated 24/6/1930 in the
request that another copy
proof after report may be
to this office as early as possible

Brigade

Chief of Staff

[redacted] THE MAHARAJA OF MYSORE.

PUBLIC HEALTH DEPARTMENT.

In reply please quote
No. PH 415-2

Enc. Annual Report

Tele { gram—SENORGEN.
phone—No. 27.

OFFICE OF THE DIRECTOR OF HEALTH WITH THE GOVERNMENT OF MYSORE,

Bangalore, dated the 11th August 1930

GENERAL MISCELLANEOUS BRANCH
1056.
12 AUG.

Sany 14-30-3

FROM

J. V. KARVE, Esq., M.B., Ch.B., (Edin.), D.P.H., (LONDON),
Director of Health with the Government of
His Highness the Maharaja of Mysore,
Bangalore.

To

H.Madhava Rao, Esq., B.A., B.L.,
Chief Secretary to the Government of
H.H. the Maharaja of Mysore, Bangalore.

SIR,

With reference to your No. G. 1385/Sany. 14-30-2 dated 4th August 1930, I have the honour to forward herewith the office copy of the Annual Report of the Mysore Department of Health for the year 1929.

I have the honour to be

Sir,

Your most obedient servant

J V Karve

Director of Health.

12 copies

Sany 14-30-4

Proceedings of the Government of
His Highness the Maharaja of Mysore.

-----:O:-----

The Administration Report of the Mysore Health Department for the calendar year 1929 received from the Director of Health in Mysore with his letter No. Per. Y. 15, dated the 22nd/24th July 1930.

Order No. G. 4800-27.

Dated, Bangalore, 5th November ~~October~~ 1930

By the appointment of a whole time Director for the Department of Health with a trained personnel for some of its important Sections, a long step was taken during the year towards the creation of an adequate and independent organisation able to give undivided attention to health proble of the State. On the retirement of Mr. B. Mahomed Usman, Senior Surgeon and Sanitary Commissioner in February 1929 the combination of these offices ceased and the health services of the State became an independent charge under the control of Mr. J.V. Karve who was appointed as Sanitary Commissioner, the designation being later on changed to Director of Health. A Board of Health was created to act as an advisory body in health matters. The work of the Department was organised in seven Bureaus named below but of these the Bureaus of Health Education and of Sanitary Engineerin

Engineering had not been fully organised before the close of the year:

(1) Bureau of Administration,

(2) ,, Epidemiology and communicable diseases,

(3) ,, Laboratories,

(4) ,, Vital statistics.

(5) ,, Health Education,

(6) ,, Sanitary Engineering,

(7) Rural Health.

It is under contemplation of Government to establish other Bureaus such as Maternal and Infant Hygiene, Child Hygiene, Venereal Diseases, Tuberculosis etc. as staff funds become available.

Dr. Sweet whose services were kindly lent to the State by the International Heal Division of the Rockefeller's Foundation continued to act as Consultant in Health. Besides supervising personally the working of the Malaria and Rural Health Units, he advised Government on the various health problems of the State and was particularly helpful in developing the new Health Organis tion. One important branch of this organisatio viz., that of Sanitary Engineering has been recently constituted under the supervision of Mr. Hielscher, Sanitary Engineer whose services have been generously placed at the disposal of the Government by the Internatio al Health Division of the Rockefeller Founda tion.

Epidemiology and communicable diseases

(a) Malaria — A new Malaria Experimental Station was

was started during the year at Hirhyur, in addition to the stations started at Nagennatti and Hadigere in the previous year. The stations attended to the monthly spleen and blood examination of each community in the area, weekly identification of larvae and collection of data about rainfall, temperature and Vital Statistics. Pending a detailed study of the results of the observations taken at these stations, no control work was attempted during the year. Latterly however measures of control have been undertaken at the Nagennatti Station.

(b) Hookworm unit - In the course of the year, Government sanctioned a scheme for the mass treatment for hookworm of all persons attending Hospitals and Dispensaries in the Shimoga Kadur and Hassan Districts and parts of Mysore District. The Scheme also provided for the treatment of labourers working on Coffee Estates by Government agency, the cost of the drugs being paid by the Estates. The Staff sanctioned for the purpose attends to the treatment of 3612 villagers in 11 Dispensaries and 6271 inhabitants of estates or in all a total of 9000 persons.

(c) Malaria Health work in Bangalore City - The Officers of the Department co-operated with the Malaria Staff appointed by the City Municipal Council. Government note that there has been a progressive and significant increase in the spleen rates in the three years from 1927-to 1929. Dr. Natarajan was entrusted with field research studies connected with dysentery and typh

typhoid in the Bangalore City. ~~is enabled~~. Steps have also been taken to make enteric and other continuous fevers notifiable in Municipal areas.

Bureau of Laboratories.

(a) Public Health Institute - This Institute continued to attend as usual to the Bacteriological, Chemical and Medico legal Examinations. There was a considerable increase in the number of samples of blood received for examination. Samples of water both filtered and unfiltered from Bangalore City were received regularly for bacteriological analysis.

Seventy seven cases of suspected human poisoning were received for Medico-legal opinion. In a large number of these cases arsenic was found to have been used. The Director points to the need for establishing an effective control over the sale of arseni and other easily procurable poisons. The attention of the Deputy Commissioners of Districts is invited to the observation made in the Government review of the report of the Public Health Institute for the year 1928 and they are requested, in consultation with the Director of Health to take needful steps in the matter. The Registrar of the High Court is requested to see if arrangements can be made for copies of Judgments in cases referred to the Public Health Institute for examination can be furnished to the Superintendent of the Institute so as to enable him to compil a connected history of food poisoning in

in the State.

(b) Vaccine Institute - During the year under review, 366 calves were successfully vaccinated and yielded 45,758 grains or pulp equivalent to 4,57,580 cases. The quantity of vaccine issued was equivalent to 2,64,149 cases including 41,847 cases issued outside the State. The income and the expenditure of the Institute was Rs. 23,816-7-11 and Rs. 20,137-8-0 respectively showing an excess of receipts by Rs. 3,678-15-11. The amount outstanding at the close of the year was Rs. 28,976-4-0 of which as much as Rs. 21,758-15-8 related to the previous year's dues from local bodies. The Deputy Commissioners and the Presidents of District Boards are requested to adjust these arrears without delay. ~~as early as possible~~.

The average percentage of successful primary vaccinations was 78 between January to June and 91.5 during the subsequent six months. The average success rate for the whole year was 85 per cent showing an improvement of 5 per cent over the record of the previous year.

Vital Statistics.

A survey of the system of reporting vital statistics and epidemic diseases in the State was conducted by the ~~Technical Officers~~ Bureau of Vital Statistics. The results of this survey which have been published in the form of a bulletin, show that in most rural areas and not a few Municipalities, the reporting of Vital

Vital occurrences (particularly births is grossly incomplete and that this initial defect is aggravated by carelessness in the compiling offices. The attention of the Deputy Commissioners is invited once again to the instructions issued from time to time to ensure that village Patels understand and properly carry out their duties in this respect. The work of compilation in Taluk Offices should also receive greater attention There is hardly any excuse for the existence of serious defects in the vital statistics of Municipal areas, where a better agency is generally available and the scope for supervision is much greater than in rural parts. The Presidents of Municipal Councils will, it is hoped, ~~should~~ take some personal interest in this matter and try to remove the reproach of indifference to health questions that is revealed by the present state of the reporting of vital statistics. Meanwhile the officers of the Health Department could themselves give a useful lead in this direction by arranging for the collection of correct statistics in selected areas e-g., those coming within the operation of the Malaria and Rural Health units and by collaborating more closely with the local authorities in the Cities of Bangalore and Mysore and in the Kolar Gold Fields area, where facilities for correct reporting already exist. By these means it will be possible to get reliable statistics for at least a few representative areas, pending improvement in the accuracy of the returns for the State as a whole.

whole.

Turning to the statistics as they are now presented, it is seen that the total number of births registered during the year was 1,15,918 against 1,07,655 giving a ratio of 19.44 and 18.46 respectively. The Bangalore District showed the highest rate viz., 23.24 and the Mysore District the lowest viz., 15.60. The total number of deaths reported during the year was 83,400 against 91,690 during 1928 giving a ratio of 14.23 and 18.64 respectively. A total number of 10,544 children under one year of age died giving a ratio of 90.80 per 1000 births. One ~~significant~~ feature of the year's figures was that the number of births exceeded the number of deaths in all Districts. It is also seen that the deaths ~~of males~~ among males were higher than that among females in all age periods except in the age groups of 10-15 years and 15-40 years i-e., the child bearing period for females. Judged from the figures, Mysore stands low in point of both birth and death ratios as compared with the British Indian Provinces.

During the year Plague and Small-pox deaths from ~~showed large increase over the figures for~~ were noticeably in excess of the figures numbers reported for the previous year ~~as noted below~~:

	1929.	1928.
Plague	8646	3477
Small-pox	7589	4571

A total of 2,24,600 Anti Plague inoculations and 2,03,423 vaccinations were

were performed during the year. But the incidence of deaths from other diseases such as Cholera, Fevers and dysentery and Diarrhoea was less than in the previous year as detailed below:-

	1929	1928
Cholera	140	415
Fevers	33653	45123
Dysentery and Diarrhoea ...	2790	3628

The Bureau of Health Education gave 102 lectures and demonstrations on Malaria and Hook-worm by means of moving pictures.

In view of the growing work of the Mysore Department of Health, it seemed wise to institute the ~~system of the~~ distribution of quarterly reports of the work accomplished from January 1st 1929. The Director is of opinion that these reports will be of benefit in keeping the staff in touch with the work which is being done in the department as a whole, in giving Government more frequent information as to progress and in spreading among the interested people some idea of the scope and character of the health work. As in the previous year, a special sanitation stall was opened in the All-India Exhibition at Mysore and a Gold Medal was awarded to the Department.

The marginally noted bulletins of the Public Health Department were issued during the year.

~~An appraisal form based on the Americ~~
~~road has been prescribed at the instance of~~

Hook-worm disease in the State.

5. Report of Delegation of the British Social Hygiene Council,

6. Report of the Present Status of Registration of Vital Statistics,

7. Survey of the State for enlarged spleens, Hookworm, etc.

Bureau of Sanitary Engineering.

Mr. J.J. Mieldazis, B.Sc., C.E., Sanitary Engineer of the Rockefeller Foundation arrived from America in February 1930 and took charge of this bureau. Government have since issued orders for the transfer of a portion of the Water Supply and Town Planning Division of the Public Works Department to this Bureau.

Bureau of Rural Health.

The Rural Health Unit at Mandya which was opened in March 1929 imparted advice to the village authorities in health matters, investigated epidemic diseases and attended to vaccination work in addition to starting medical clinics in four centres within their area, one of these clinics at Maddur being for infant and maternal welfare.

Vaccination - It is seen from the report that the number of vaccinations performed was in excess of the figures for the previous year in all Districts except Mysore. Information has not been furnished about the number of vaccinations conducted among the Arnikarnatakas in the Districts of Shimoga Kadur and Chitaldrug Districts. The Deputy Commissioners of these Districts are requested to furnish to the Director of Health separate figures under this head in their future reports.

Inspections - The Director of Health visited 33 urban areas and 51 villages during the year.

[redacted] created at the instance

Sweet for measuring the progress of the health activities in the Cities of Myso and Bangalore and the Kolar Gold Fields Sanitary Board area.

At the invitation of the Government the League of Nations Malaria Commission visited the State during December 1929 and specially inspected the various places affected with malaria and the three malaria experimental stations. Dr. W.P. Jacocks, the Rockefeller Foundation Representative in Travancore visited Bangalore in April 1929 and kindly assisted in examining specimens of dissections done at Hiriyur.

The work of the Department was on the whole satisfactory.

Part II.

Government regret to note that in spite of the observations made in review, this year's report was received 22 months after the due date. It is explained that the delay was due to certain local bodies having failed to send the required statistical information in time. It is also reported that the full information in respect of the Malaria Improvement Scheme, anti guinea worm campaign in the Chitaldrug District and the statistics relating to the towns of the Mysore District could not be incorporated in the Report as they were not received in the Director's Office. The attention of the Deputy Commissioners of the Districts and the Presidents of District Boards and Municipal Councils is invited to paragraph 2 of the last year's review and they are requested

requested to take prompt action to furnish the requisite information in time in future.

This is the first consolidated report on the work of the Department, including the Vaccine Institute and the P.H. Laboratory, the submission of separate reports for these two institutions having latterly been dispensed with. The report, dealing as it does, with a wide range of subjects, is necessarily lengthy but Government feel that its size might with advantage be reduced to some extent in future years, without sacrificing clearness or completeness of exposition of relevant matters. For instance a number of statistical statements appearing in the body of the report may well be ~~printed on~~ printed as appendices. Discussion of matters of purely technical interest may be avoided in this report, their appropriate place being in the Bulletins of the Department. Routine work carried out by the City Municipalities, the City Improvement Board of Mysore etc., which is dealt with in separate report submitted by these bodies need not be repeated in the annual report of the Health Department, unless it happens to have some special bearing on the current activities of the Department. Bearing these suggestions in mind, the Director is requested to propose list of the headings under which the annual report may be framed in future and of the tabular statements that should accompany it. ~~The adoption of a standard form on these lines need not how-~~

however be required nor should it limit the discretion of the Department to deal with any special subjects of importance or public interest that may arise from time to time.

Chief Secretary to Government.

28/11/30

To

The Director of Health,

The Consultant in Health, for Communicable to the Rockefeller Person

The Sanitary Engineer,

The Chief Engineer,

The Registrar, High Court,

The Deputy Commrs. of Dists.,

The Presidents of District Boards
through Deputy Commissioners,

The Municipal Commissioner, Bangalore Ci
through the President, C.M.C.,

The President, C.M.C., Mysore.

The President, Sanj. M.D. K.G.F.

" Commissioner to Govt

" Press, Tabl.

23/12

Appendix F G—1

SUBJECT.....

.....

.....

Section San

File No. 14-30

Serial No. 5

No. G. 5180'

Diary No. of letter replied to 1056

General and Revenue Secretariat

( )

the *193*

To

The Director of Health —

Date of issue 28/11/30

Signed by Mr. b.v.c

Sir

With reference to table (w4) annexed to the report of the Health Dept for the year 1929, ~~#~~ about the expenditure incurred on account of Vaccination, I am directed to enquire what the words "Native State" relate ~~and if they refer to~~ If, however, they refer to State funds I am to enquire what

List of enclosures.....

Copied by.....

Examined by.....

WD 02659—GPB—25,000—25-6-30

hat expenditure has been
ubsed from State funds
the improvement on that
river. The favour of an early
reply is requested

I have the

honor

Lawley Wood

Appendix F·G—1

SUBJECT.....

.....

.....

2078

Section San

File No. ~~24 29~~ 14-30

Serial No. 6

No. Pol. 579 E/5-

Diary No. of letter replied to..... 1097

General and Revenue Secretariat

( )

the *193*

To

The Secretary Honble

the Resident

Sir

Date of issue..... 6/12/30

Signed by..... for C.S.S

I am directed to forward herewith five copies of the Annual report of the Mysore Dept of Health for the Calendar year 1929 with the post review thereon

List of enclosures.....

Thanks

Copied by.....

Examined by.....

Secy 1/12

Law Dept & Govt

(1) To the Secretary to Govt of Bengal Calcutta
(2) " Director of Public Health in Bengal, Calcutta.
(3) " Librarian Secretariat Library
(4) " Secretary to Govt of St George, Madras.
H.E. the Nizam
of Hyderabad, Med Dept. Hyderabad (Deccan)
(5) " Chief Comr Central Provinces, Nagpur
(6) " Diwan of Cochin, Ernaculam
(7) " " Baroda Baroda
(8) " " Pudukkottai, Pudukkotai
(9) " Chief Offr, Imperial Library, Calcutta
(10) " Offr in charge of the
Army medical Library, 7th & S
Streets, S.W. Washington DC.

(11) G 5949-58 / Eml, each 3 b. 12-30 Sq 14-30-7

Lr

I am directed to forward
enclosed one copy of the Annual
Report of the Mysore Dept of Health
for Calendar year 1929
with the Govt remarks thereon

I have &c
Sd/ 1/12

Law Secy to Govt

GOVERNMENT OF MYSORE

DEPARTMENT OF HEALTH

J. V. KARVE, M.B., Ch.B., D.P.H.,
Director of Health.

W. C. SWEET, B.Sc., M.D., C.P.H.,
Rockefeller Foundation
Consultant in Health.

Telephone No. 340
Telegram: HEALTH

Sanction 30 — 8

No: V. S. 327

Encl.

GENERAL MISC. 4074 22 DEC. 1930 BANGALORE

"GRACE VILLE", PALACE ROAD,

Bangalore (S. *India*), *dated* December 17, 1930

28

FROM,

J. V. KARVE, ESQ., M.B., Ch.B. (EDIN.), D.P.H. (LOND.),
Director of Health with The Govt. of
His Highness The Maharaja of Mysore,
Bangalore.

TO,

P. Mahadevayya, Esq., B.A., B.L.,
Law Secretary with the Government of Mysore,
B a n g a l o r e

SIR,

With reference to your G. 5680/Sany 14-30-5 dated 28th November 1930 regarding the details of expenditure under -- Vaccination in Mysore District, I have the honour to state that in Table 41 of the Annual Report the column under 'Native States' will be excluded in the next report as the conditions of the pre-rendition period do not exist now. The expenditure viz., Rs.11,662-15-5 is to be distributed under the heads

(1) Local Fund .. Rs.11,076- 4- 1 and

(2) Municipalities . Rs. 586-10-4.

I have the honour to be,

Sir,

Your most obedient servant,

Director of Health.

Table 41. Statement of expenditure incurred

District.	Establishment.				Expenditure.											
	Dy. Inspectors	Vaccinators. I Class	Vaccinators. II Class	Vaccinators. III Class	Pay of Establishment.			Travelling Allowances.			Contingencies			Total Cash.		
Bangalore ..	..	5	5	12	8,306	11	9	...			...			8,306	11	
Kolar ..	..	4	4	8	4,540	0	0	1,035	0	0	...			5,575	0	0
Tumkur ..	..	5	5	10	5,429	0	0	1,690	0	0	2,178	0	0	9,297	0	0
Mysore ..	1	6	5	15	8,951	15	11	2,710	14	6	...			11,662	14	5
Hassan ..	..	4	6	10	5,422	9	3	1,310	13	0	1,726	3	4	8,459	9	7
Shimoga ..	..	3	3	14	1,534	8	0	426	8	3	46	8	9	2,007	9	0
Kadur. ..	..	2	2	10	6,076	15	1	...			...			6,076	15	1
Chitaldrug. ..	..	-	3	8	4,842	9	7	...			...			4,842	9	7
T o t a l ..	1	29	33	87	45,104	5	7	7,173	3	9	3,950	12	1	56,228	5	5
Bangalore City. ..	..	1	1	2	1,140	0	0	...			1,718	0	0	2,858	0	0
Kolar Town ..	..	-	1	3	1,020	0	0	...			...			1,020	0	0
Mysore. ..	..	1	2	1	1,276	4	0	...			1,340	2	8	2,616	6	8
Hassan ..	..	-	1	-	300	0	0	...			17	15	8	317	15	8
Kolar Gold Fields. ..	..	-	8	-	420	0	0	...			...			420	0	0
T o t a l ..	..	2	13	6	4,156	4	0	...			3,076	2	4	7,232	6	4
Total (Mysore State)	1	31	46	93	49,260	9	7	7,173	3	9	7,026	14	5	63,460	11	9

respect of vaccination during the Year 1907.

Vaccination Fund		Paid from Local Fund			Municipalities			Native States			Total.			No. of all successful vaccinations and re-vaccinations.			Average cost of each successful case.		
...		8,306	11	9	...			...			8,306	11	9	25,675	0	5	2.1		
...		5,575	0	0	...			...			5,575	0	0	15,817	0	5	7.6		
...		9,297	0	0	...			...			9,297	0	0	20,872	0	7	1.5		
...		11,076	4	1	586	10	4	11,662	14	5	11,662	14	5	24,000	0	7	9.3		
06	14	0	6,797	11	7	275	0	0	...			8,459	9	7	12,483	0	10	10.1		
...		120	0	0	473	0	0	1,414	9	0	2,007	9	0	12,495	0	2	6.8		
10.15	0	4,266	0	1	...			...			6,076	15	1	5,722	0	10	0		
...		4,842	9	7	...			...			4,842	9	7	8,357	0	9	3.2		
7	13	0	39,205	1	0	748	0	0	13,077	7	5	56,228	5	5	126,421	0	7	1.3		
...			...			2,858	0	0	...			2,858	0	0	7,976	0	5	8.7		
...			...			1,020	0	0	...			1,020	0	0	498	2	0	9.2		
...			...			2,616	6	8	...			2,616	6	8	1,859	1	6	6		
...			...			317	15	8	...			317	15	8	168	1	14	3.4		
...			...			420	0	0	...			420	0	0	11,553	0	0	6.9		
...			...			7,232	6	4	...			7,232	6	4	22,054	0	5	2.9		
07	15	0	39,205	1	0	7,980	6	4	13,077	7	5	65,460	11	9	148,475	0	6	10.		